

**OFFICE OF THE PROJECT DIRECTOR**  
**LADAKH RENEWABLE ENERGY DEVELOPMENT AGENCY**  
**LAHDC LEH-LADAKH**

Website: [www.ladakhenergy.org](http://www.ladakhenergy.org) , [www.leh.nic.in](http://www.leh.nic.in)  
Tel: 01982-257410 Fax: 09182-257410

On behalf of governor of Jammu and Kashmir, LREDA-LAHDC invites tenders for supply of 1.No interactive Sony Projector (*Sony VPLSW535C interactive Projector*) at LREDA-LAHDC office in Leh Ladakh, the supplier must be an authorized dealer of Sony Peripherals. The tender should be addressed to Project director LREDA (Ladakh Renewable Energy Development Agency)-LAHDC and should reach the office of the same on or before 30/10/2012, as per the following terms and conditions.

S.No	Particulars	Nos	Last date of issue of tender document	Date of receiving tender document
1.	<i>Sony VPLSW535C interactive Projector</i>	1.	29/10/2012	30/10/2012

**Minimum Criterion for bidding:**

The bidder must have following minimum criterion for bidding:

1. Bidder must be authorized dealer of SONY.
2. Bidder must have experience of supplying and installation of such systems.
3. Proof of necessary documents must be enclosed.
4. Documents must be attested from a gazetted officer.

**TENDER DOCUMENT:**

For

**SUPPLY OF INTERACTIVE SONY PROJECTOR FOR LADAKH RENEWABLE ENERGY  
DEVELOPMENT AGENCY OFFICE, LEH LADAKH**

**I.** To be submitted by 2.00 P.M on or before 30/10/2012 in the Office of Ladakh Renewable Energy Development Agency LAHDC, Leh.

**II.** To be opened at 2.00 P.M on 31/10/2012 in the Office of the Ladakh Renewable Energy Development Agency LAHDC, Leh

**III.** Issued to:

M/s. \_\_\_\_\_

(Tenderer)

Date of Issue of Tender: \_\_\_\_\_

Signature of the Officer Issuing Tender Document

Prepared By:  
LREDA-LAHDC, Leh

**QUANTITY CHECKLIST**

<b>S.NO</b>	<b>Description</b>	<b>Quantity</b>
1.	Sony VPLSW535C interactive Projector	1

## SPECIFICATIONS CHECKLIST

### Technical Specifications:

EAN Codes: 4905524884357

#### Display device

Display area: 0.75" (15.0 mm) x 3, BrightEra, Aspect ratio: 16:10  
Number of pixels: 3,072,000 (1280 x 800 x 3) pixels

#### Projection lens

Throw Ratio: 0.27 ~ 0.29:1  
Optical Zoom: Manual  
Optical Zoom Ratio: X1.05  
Digital Zoom Ratio: X4  
Focus: Manual  
Lens Shift: Manual V: +/- 4% H: +/- 2%

Light source: Ultra High Pressure lamp 210 W type

Recommended lamp replacement time: 3000 H / 4500H / 6000H  
(Lamp mode : High / Standard / Low)

Filter cleaning cycle: Max. 6000 H / Same time as the lamp replacement is recommended

Colour Light and White Light output: 3000 lm / 2400 lm / 2000 lm  
(Lamp mode : High / Standard / Low)

Light output: 3000 lm / 2400 lm / 2000 lm

Computer and video signal input/output:

**INPUT A** RGB / Y PB PR input connector: Mini D-sub-15 pin (female) Audio input connector: Stereo mini jack  
**INPUT B** HDMI (HDCP compatible) (Digital RGB/Y Pb Pr, Digital Audio)

**VIDEO IN** Video input connector: Pin jack Audio input connector: Pin jack (x2) (shared with S VIDEO IN)

**S VIDEO IN** S video input connector: Mini DIN-4 pin Audio input connector: Pin jack (x2) (shared with VIDEO IN)

OUTPUT: Monitor output connector\*3: Mini D-sub-15 pin (female) Audio output connector\*4: Stereo mini jack (variable out)  
Output From Input A (RGB) and Input B (HDMI)

USB: Type B - Interactivity

Control: RS-232C connector: D-sub 9-pin (male)

LAN connector: RJ45, 10BASE-T/100BASE-TX

Screen size (approx.): 70" to 130"

Speaker: 10W x 1 (monaural)

Displayable scanning frequency  
*Horizontal* 14 kHz to 93 kHz  
*Vertical* 47 Hz to 93 Hz

#### Display resolution

Computer signal input:	Maximum input signal resolution: 1600 x 1200 (UXGA) fV:60Hz
Panel display resolution:	1280 x 800 pixels
Video signal input:	Video (Composite), 15K (480/60i, 576/50i), DTV (480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i)
Colour System:	Auto / NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
Colour system resolution:	750 TV lines
Keystone correction:	Vertical: Max. +/- 5 degrees
OSD language:	22-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Finnish, Hungarian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Persian)
Contrast ratio:	(full white/full black)*2 2500:1
Acoustic noise:	35 dB / 32 dB / 28dB (Lamp mode: High / Standard / Low)

### Operating temperature

(Operating humidity):	0°C to 40°C / 32°F to 104°F (35% to 85% (no condensation))
Storage temperature:	(Storage humidity) -20°C to 60°C / -4°F to 120°F (10% to 90% (no condensation)).

Power requirement:	AC 100 V to 240 V 3.6-1.4A, 50 Hz /60 Hz.
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### Power consumption:

AC 100 V to 120 V:	290W / 260W / 230W
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AC 220 V to 240 V:	280W / 250W / 220W
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### Standby mode power consumption:

AC 100 V to 120 V:	7.5W / 0.2 W
(Standby mode: Standard / Low)	

AC 220 V to 240 V:	7.5W / 0.3 W
(Standby mode: Standard / Low)	

### Heat dissipation:

AC 100 V to 120 V:	989 BTU
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AC 220 V to 240 V:	955 BTU
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Safety Regulations WW model:	UL FCC cUL IC(LVD) EE(EMC) C-Tick CCC CB KC GOST-R SASO KUCAS PSB SABS NOM
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Body Colour:	White
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Standard outside dimensions:	W 384.4 x H 122.5 x D 423.4 mm / W 15 1/8 x H 4 13/16 x D 16 21/32 in (without protrusion)
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Mass (Approx.):	7.1kg / 15lb 10oz (without wall mount)
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Supplied Accessories:	RM-PJ7 Remote Commander (1) Lithium battery: CR2025 (1) Wall Mount & Manual Operating Instructions WW: CD-ROM(1) Software License (Paper) Quick Reference Manual (1) AC Power Cord (1) PrimeSupport Warranty Pack (1) Outside of box Interactive Application CD ROM IFU-PN100M, Master Pen IFU-PN100S, 2nd Sub Pen
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Documentations Safety warning, WEEE, EU Battery info, Service  
Battery: Remote commander of the projector Category Battery  
Lithium Type CR2025  
Weight of single battery (g) Approx. 2.3g  
Number of batteries 1  
Optional Accessories Projector Lamp: LMP-E212  
IFU-PN100M, Master Pen, IFU-PN100S, 2nd Sub Pen

Projector Lamp:

## **OTHER FEATURES:**

### **6000 Hours Lamp Life**

*A new driving scheme reduces gap expansion which minimises brightness gradation. A new cooling system allows uniformity in the temperature of the glass bulb which prevents the glass from clouding.*

### **Vertical Keystone Adjustment**

*The projectors can correct keystone distortion by +/- 5% for perfect installation adjustment to the smart board or screen. (Note that since this is an electronic correction, it will reduce the picture quality slightly.)*

### **Digital Zoom**

*With Digital Zoom, users can enlarge a selected area of a computer-sourced image on the screen up to four times.*

### **Six Picture Modes**

*The VPL-SW535 and VPL-SW535C have six available picture modes for correct picture quality; Dynamic, Standard, Game, Living, Cinema and Presentation. With six picture modes and 3 brightness modes combined, users can select the most suitable picture/brightness mode according to the picture source and environment for the perfect image.*

### **3LCD BrightEra Technology**

*The Sony 0.75 inch BrightEra inorganic TFT 3LCD panels deliver improved panel light resistance, higher resolution, high brightness and increased panel reliability.*

### **Digital / HD Ready**

*With the HDMI input, the projectors can accept digital signals from a PC or video source.*

### **Smart APA (Auto Pixel Alignment)**

*When a computer is used as a picture source, APA automatically optimises Phase, Pitch and Shift values. These can also be adjusted manually.*

### **Auto Input Search**

*Auto Input Search detects which input has an incoming signal and automatically switches to it. This makes it easier for users to set up the projector prior to making a presentation.*

### **Picture Muting / Audio Muting**

*If there is a need to blackout the image or turn off the audio from the projector, all it takes is a single button-press on the remote control. One button will mute audio and image at the same time. There is also a separate "mute audio" button for audioonly muting.*

### **Audio Switcher Facility**

*To avoid the need for a separate audio switcher, the projector can be used to select between two audio sources, routing them via a variable audio output to the room amplification system.*

### **Picture Freeze Function**

*Picture Freeze is useful during presentations where users need to look at other material on their PC's screen without the viewing audience being aware. Freeze the current image and users can use their PC independently of the display from the projector.*

### **Off and Go**

*At the end of a presentation, users can turn off the power supply to the projector immediately, instead of going through a 'power down' cycle.*

### **Direct Power On/Off**

*With this function, there is no need to go through 'Standby' mode when powering up the projector. The projector can be set to activate as soon as power is supplied.*

### **Built-in Security Measures**

*The projectors have a package of security measures, including password protection and physical anti-theft anchor points.*

### **Web Control and Monitoring / E-mail Report**

*Built-in Web Browser IE allows the user or AV manager to check a projector status remotely. Power ON/STANDBY, input/output, lamp usage (hours) can be controlled. An E-mail address can also be set to notify lamp exchange/replacement or any unexpected problems.*

### **CHECK LIST**

To ensure that your tender submitted to **Project Director, Ladakh Renewable Energy Development Agency Leh**, is complete in all respects, please go through the following checklist & tick mark for the enclosures attached with your tender:

<b>S.NO</b>	<b>Description</b>	<b>Attached</b>	<b>Not Attached</b>
1.	A Copy of Authorized Dealership proof		
2.	Deviations, if any, from the specifications, terms & conditions etc.		

**UNDERTAKING OF THE TENDERER:**

- I/We have read carefully and examined the Notice Inviting Tender, schedule, General Rules and terms and conditions of the contract, Schedule of Rates and other documents and Rules referred to in the tender document for the supply.
- I/We hereby tender my rates for the execution of the work for LADAKH RENEWABLE ENERGY DEVELOPMENT AGENCY, Leh as specified within the time stipulated in the schedule in accordance with all aspects with the specifications.
- I/We agree to keep the tender open for 3 months from the due date of submission thereof and not to make any modifications in its terms, conditions and rates.
- I/We shall abide to all the laws and shall be responsible for making payments of all the taxes, duties, levies and other Govt. dues etc. to the appropriate Govt. departments.
- I/We shall be responsible for the payment of the respective taxes to the appropriate authorities and should I/we fail to do so, I/we hereby authorize Ladakh Renewable Energy Development Agency, Leh to recover the taxes due from us and deposit the same with the appropriate authorities on their demand.

Dated:

Signature:

Place:

Name of Tenderer with seal:

Witness:

Signature:

Name:

Postal Address:



### **Instructions, Terms and Conditions:**

1. Tender shall be submitted in official tender form only. If submitted in any other form the same shall be summarily rejected.
2. The name and address of the tenderer shall be clearly written in the space provided and no overwriting, correction, insertion shall be permitted in any part of the tender unless duly countersigned by the tenderer. The tender should be filled in and submitted in strict accordance with the instructions laid down herein; otherwise the tender is liable to be ignored.
3. The tender is liable to be ignored if complete information is not given there-in, or if the particulars and data (if any) asked for in the Schedule to the tender are not filled
4. The tender must be addressed to the Project Director LREDA-LAHDC Leh Ladakh. And be deposited on or before 2.00 P.M 25/10/2012. The tenders will be opened on the same day at 2.00 P.M on 25/10/2012 in the presence of such tenderers who may wish to be present, either by themselves or through their authorized representatives.
5. Correction if any must be attested.
6. Late tenders will not be considered.
7. Ladakh Renewable Energy Development agency reserves the right to accept or reject any or all the offers either fully or partly without assigning any reasons and is not bound to accept the lowest bid since due weightage shall be given to several factors besides the commercial bid.
8. Ladakh Renewable Energy Development Agency shall in no way be responsible for any default with regard to any statutory obligation and the supplier will indemnify LREDA in case of any damage or liability, which may arise on account of action of the supplier.
9. The full & final payment shall be made after delivery and successfully installation of the Machines as intimated by Engineer incharge of Ladakh Renewable Energy Development Agency Office and after acceptance of the Machines.
10. The supplier shall ensure that he himself or his authorized representative is available for proper handing over the supplies/consignments at LREDA-LAHDC office in Leh Ladakh.
11. The rates quoted should be on FIRM & FIXED basis.
12. The Purchase Order shall be issued by LREDA-LAHDC office and delivery and installation of the Computer Peripherals/items shall be arranged by the supplier at LREDA-LAHDC office.
13. They should be registered for VAT/CST/SST and Income Tax and should enclose copies of relevant certificates.
14. The Peripherals/items supplied should be New and Unused.

15. The pre-inspection /post inspection of the items shall be got done by LREDA-LAHDC engineer in charge and the items shall be accepted only after the system are certified 'OK' by the Inspecting Engineers/Body.
16. The supply of **Sony Projector VPL-SW535C** (including all peripherals and software's) shall be the responsibility of the vendor and it should be certified as in working condition by the consignee after the installation.
17. If the goods are not delivered within the stipulated time period a penalty of Rs. 200/- per day shall be charged & deducted from their bill.
18. A penalty as decided by the Competent Authority of LREDA-LAHDC office for each type of items equipment/machine shall be payable & the same shall be deducted from his bill or security deposit as the case may be, for any defect in the equipment/machine developed/noticed later on during the currency of warranty not set right or for noncompliance of any terms & conditions other than time clause by the supplier.

Project Director  
LREDA-LAHDC

**Price Bid:**

- The tenderer should submit the quotations for the Projector separately.
- The cost should be inclusive of the sales taxes and delivery charges for the projector to LREDA-LAHDC, Leh office.

S.NO	Description	Quantity	Price (To be filled by the tenderer)
1.	<b>Sony VPLSW535C interactive Projector</b>	1	

Signature of the  
Tenderer

M/S: \_\_\_\_\_

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