

# TENDER DOCUMENT

## 07 Multimedia Projectors for Classrooms including Installation

*DHA Suffa University*



September 12, 2012

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A Project of DHA, Karachi  
DG-78 Off Khayaban-e-Tufail  
DHA Phase VII (Ext)  
Karachi 75500  
<http://www.dsu.edu.pk>

# **Tender Notice**

**DHA Suffa University is an HEC recognized university. The university requires 07 Multimedia Projectors including Installation for its Classrooms. Interested suppliers are requested to submit their technical proposals and financial quotes in two separate sealed envelopes to the office of the Admin Officer latest by 11:45 AM, on 27<sup>th</sup> September 2012.**

# Technical Specifications for Multimedia Projectors (DHA SUFFA University)

<b>Projection System</b>	DLP
<b>Native Resolution</b>	SVGA(800 x 600)
<b>Brightness*</b>	2700 ANSI lumens
<b>Contrast Ratio</b>	13000:1
<b>Display Color</b>	1.07 Billion Colors
<b>Lens</b>	F=2.57-2.65, f=21-23.1mm
<b>Aspect Ratio</b>	Native 4:3 (5 aspect ratio selectable)
<b>Throw Ratio</b>	1.86 - 2.04 (53" @2m)
<b>Image Size (Diagonal)</b>	40"-300"
<b>Zoom Ratio</b>	1.1:1
<b>Lamp(Normal/Economic Mode/SmartEco Mode)*</b>	190W, 4500/6000 hours (up to 6500 hours under SmartEco Mode)
<b>Keystone Adjustment</b>	1D, Vertical +/- 40 degrees
<b>Projection Offset</b>	120%±5%
<b>Resolution Support</b>	VGA(640 x 480) to UXGA(1600 x 1200)
<b>Horizontal Frequency</b>	31K~102KHz
<b>Vertical Scan Rate</b>	23~120Hz
<b>Interface</b>	Computer in (D-sub 15pin) x 2 Monitor out (D-sub 15pin) x 1 HDMI (v1.3) x 1 Composite Video in (RCA) x 1 S-Video in (Mini DIN 4pin) x 1 Audio in (Mini Jack) x 2 Audio L/R in (RCA) x 1 Audio out (Mini Jack) x 1 Speaker 2W x 1 USB (Type Mini B) x 1 RS232 (DB-9pin) x 1
<b>Dimensions(W x H x D)</b>	287.3x114.4x232.6 mm
<b>HDTV Compatibility</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
<b>Video Compatibility</b>	NTSC, PAL, SECAM
<b>Weight</b>	2.5 kg (5.51lbs)
<b>Audible Noise</b>	30/26 dBA (Normal/Economic mode)
<b>Power Supply</b>	AC 100 to 240 V, 50/60 Hz
<b>Power Consumption</b>	Typical 265W
<b>On-Screen Display Languages</b>	English
<b>Picture Modes</b>	Dynamic/Presentation/sRGB/Cinema/User 1/User 2 Remote Control w/ Battery
<b>Accessories (Standard)</b>	Power Cord (by region) User Manual CD

**Accessories (Optional)**

Quick Start Guide  
VGA(D-sub 15pin) Cable  
Presentation Plus  
Spare Lamp Kit  
3D Glasses

**3D Support and  
Compatibility**

PC: 120Hz Frame Sequential 3D for resolutions up to WXGA  
PC: 60Hz Top-bottom 3D for resolutions up to SXGA+  
Video: 60Hz Frame Sequential 3D for resolutions up to 480i

**DHA SUFFA UNIVERSITY**  
**Multimedia Projectors' Requirement**  
**Technical Evaluation Criteria**

The company must have:

- At least three years in business.
- NTN and GST registration.

## TERMS AND CONDITIONS

1. **Single Stage – Two Envelope Procedure:** The bid shall comprise a single package containing two separate sealed envelopes. Each envelope must be clearly marked “**Financial Proposal**” and “**Technical Proposal**”, separately.
2. **Price:** Price should be quoted in PKR with delivery and including all types of applicable Taxes in the **Financial Proposal**. The bid should be valid for three months.
3. DSU reserves the right to reduce the quantity of each item by a maximum of 20% after the opening of the Tenders. However, no variation in the Quantity Ordered will be made by DSU after placing the firm order.
4. **Warranty:** Warranty of each equipment should be mentioned. Complete specifications along with type of warranty shall be provided in the “**Technical Proposal**”.
5. **Sample:** Sample of quoted items may have to be provided by the bidder to DSU for reference/evaluation.
6. **Delivery Period:** Time frame for completion of delivery/work is 15 days.
7. **Mode of Payment:** No Advance Payment will be made by DSU to the selected bidders. Part Payment is not allowed. Full payment will be made on complete delivery.
8. **Bid Submission and Opening:** Sealed bids must reach the Administrative Officer, DSU by **27th September 2012 at 1145 hours**. The **Technical Proposals** for the same will be opened by the Purchase Committee of DSU at **1200 hours** on the same date in the presence of the representatives of the concerned bidders. **Financial Proposals** of the “**Technically Qualified**” bids will be opened within seven days from the opening of **Technical Proposals** in front of the “**Technically Qualified**” Bidders. The date, time and venue of the “**Financial Proposals**” opening will be intimated by DSU through Courier Service.
9. DSU has no intention to negotiate the price. The bidders are advised to quote the lowest possible price.
10. DSU reserves the right to reject any or all bids, subject to relevant provisions of PPRA 2004 rules. In case of any dispute the decision of the DSU shall be final.
11. **Penalty Clause:** If the selected bidder fails to supply the material in the above specified period, DSU reserves the right to blacklist it for future business or forfeit the security money of 0.32% per day of the contract value or may impose any other financial penalty as deemed fit.
12. Please sign and stamp each page of the tender/bids document, otherwise, it will not be considered/accepted.
13. Bidders are required to have a **minimum of 3 years experience** of work/supply with reputable universities/organizations/institutes/companies.
14. All items must be quoted. Incomplete bids will not be acceptable and will not be considered in any case, and will be rejected. Conditional bids will not be entertained.

15. The decision with regard to the equivalence or superiority of the quoted item with the required specification shall rest solely with the Technical Evaluation Committee of DSU.
16. Suppliers must have a local office in Karachi to cater for after sales support services.
17. Bids containing Optional and Alternate Items will not be acceptable. Each item must be quoted once with no alternative choices.