

Rate Contract
Government of India
Directorate General of Supplies & Disposals
Jeevan Tara Building, 5 Sansad Marg
New Delhi-110001
Tel Number 23360610/23360537

Digitally signed by:
Kamal Raj
Email Id:
rajkamal.dgsnd@nic.in

Rate Contract no. MMP/IT-3/RC-D1020000/0812/83/F0460/1800
Dated 26-DEC-11

To,
UNEECOPS TECHNOLOGIES LTD.,
C-185, Uneecops House, Phase-1, Naraina Industrial Area, New Delhi-
110028

Mr. Rajeev Sahani : 09810088934/ Ms Meenu: 09350602858
E-mail: rajeevs@uneecops.in / meenu.malhotra@uneecops.in
New Delhi

Sub: Rate Contract for supply of Multimedia Projector
Validity: From 26-DEC-11 To 30-SEP-12 .

Ref:(1) This Office Tender Enquiry No. MMP/IT-3/RC-D1020000/0812/83
Opened on 09-AUG-11.
(2) Your Quotation No. And Dated

Dear Sir,

You are hereby informed that your above referred tender read with subsequent letters mentioned above for the Stores specified in the Schedules annexed has been accepted. This rate contract will be governed by the terms and conditions brought in the Form no. DGS&D 1001 available from dgs&d sales counter on payment of Rs. 50/- .The Rate Contract and the schedules annexed here to shall be the sole repository of this Rate Contract/Transaction.

SCHEDULES ANNEXED

- 1.Schedule "A" Description of stores,prices,duties/taxes.
- 2.Schedule "B" special conditions of contract / Other information.
- 3.Schedule "C" Information to DDOs about parallel rate contracts.
- 4.Annexure - Technical Specification

Yours Faithfully,

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Assistant Director(S)/Section Officer/Dy.Director

For and on behalf of the purchaser named in the Form DGS&D 1001.

SCHEDULE - A

1. Rate Contract No.: -MMP/IT-3/RC-D1020000/0812/83/F0460/1800
Dated 26-DEC-11 For the Supply of Multimedia Projector

2. Advance Rate Contract No.: - Nil
Dated

3.(a) Name and Full Address of the Firm :-

UNEECOPS TECHNOLOGIES LTD.,
C-185, Uneecops House, Phase-1, Naraina Industrial Area,
New Delhi- 110028

Mr. Rajeev Sahani : 09810088934/ Ms Meenu: 09350602858
E-mail: rajeevs@uneeops.in / meenu.malhotra@uneeops.in
New Delhi
DELHI - 110028
Tel. No. - 011-46230013
Fax - 011-46230006
Email - rajeevs@uneeops.in

(b) Name and Full Address of Manufacturer :-

As per Schedule B

(c) Brand: NEC

4. Validity of Rate Contract: 26-DEC-11 To 30-SEP-12

5. Description of Item, Specification, Unit, Rate

Item Model No. No. Rs.)	Store Description	Unit	Rate (in
2 NP 15 LP	Optional Accessories for Multimedia Projector	Type: Spare Projection Lamp 2500 Lumens NOS.	10260 Rs. TEN THOUSAN D TWO HUNDRED SIXTY ONLY
10 NP 11 CM	Optional Accessories for Multimedia Projector	Type: Ceiling mounting brackets above 2000 to 4000 Lumens NOS.	1495.3 Rs. ONE THOUSAN D FOUR HUNDRED NINETY-FIVE AND

12	NP 16 LP	Optional Accessories for Multimedia Projector	Type: Spare Projection Lamp 3500 Lumens	NOS.	11416.15 Rs. PAISE THIRTY ONLY ELEVEN THOUSAND FOUR HUNDRED SIXTEEN AND PAISE FIFTEEN ONLY
14		Optional Accessories for Multimedia Projector	Type: Trolley bag	NOS.	1757.5 Rs. ONE THOUSAND SEVEN HUNDRED FIFTY-SEVEN AND PAISE FIFTY ONLY
17		Optional Accessories for Multimedia Projector	Type: Interactive Display Module	NOS.	22202 Rs. TWENTY-TWO THOUSAND TWO HUNDRED TWO ONLY
36	NP-M260XG	Multimedia Projector with wireless connectivity between PC and Projector	Resolution: 1024 X 768 XGA,ANSI Lumen: 2500	NOS.	37350 Rs. THIRTY-SEVEN THOUSAND THREE HUNDRED FIFTY ONLY
72	NP-M350XG	Multimedia Projector with wireless connectivity between PC and Projector, Storage media port and wireless LAN connectivity	Parameter Name: 1024 X 768 XGA,Measurement Range: 3500	NOS.	81700 Rs. EIGHTY-ONE THOUSAND SEVEN HUNDRED ONLY

6-Terms of Delivery:	Free delivery at consignee's premises including installation.
7-Excise Duty:	Not Applicable
8-Sales Tax:	CST/VAT Extra @12.5%
9-Delivery Period:	6 - 8 weeks from the date of receipt of confirmed order.
10(a)-Annual Turnover:	Without Limit
(b)-Monetary Limit(In Rs.):	Without Any Limit
11-Payment Terms:	As per Schedule B
12-Slab Discount Clause:	NIL
13-Prices:	FIXED
14-Quantity Offered:	NA
15-Minimum Quantity in Single Supply Order:	Without Limit
16-Minimum order Value in Single Supply Order:	Without Limit
17-Status of the RC Holding Firm:	LSI
18-Paying Authority:	The Chief Controller of Accounts, Deptt. of Supply 16A, AKBAR ROAD New Delhi -110011
19-Inspection Authority:	For Civil ADG(QA),Jeevan Tara Building,Parliament Street New Delhi
20-Quality Assurance Officer:	For Civil Director(QA), Delhi Directorate, Jeevan Tara Building, 4th Floor, Sansad Marg New Delhi DELHI -110001
21-Place where the Stores are to be Tendered for Inspection:	Unecops Technologies Ltd. C 185, Phase-1, Naraina Industrial Area, New Delhi- 110028
22-R/C is DDOs Operated:	Yes
<p>With effect from First October two thousand eight (01-10-2008),all supply order(s) against this Rate Contract must be placed by Direct Demanding Officer(s) on-line through D.G.S&D web site (www.dgsnd.gov.in) (indentor's page) only. Supply order(s) in any other form placed on or after 01-10-2008 shall not be valid and shall not be acted upon by the contractor or any other concerned agencies.</p> <p>DDO shall download the supply order and send an ink signed copy to the concerned paying authority specified in the rate contract through Registered / speed post immediately after on-line placement of Supply Order(s).</p>	
23-Packing & Specification :	see annexure

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Asstt. Director (S) / Section Officer / Dy. Director
For and behalf of the purchaser named in the Form DGS&D 1001.

All the R/C particulars including prices in respect of individual R/Cs are available on DGS&D website which can be accessed by all. The DGS&D website is <http://dgsnd.gov.in>

SCHEDULE - B

RC Specification: 1. Country of Origin: Singapore & China

2. Name and Address of foreign manufacturer: NEC Asia Pacific Pte. Ltd. No.1 Maritime Square, #12-10, Harbour Front Centre, 099253 Singapore

3. Name and Address of Marketing Subsidiary of manufacturer : M/s NEC Viewtechnology Trading (Shenzhen) Ltd 5F, Changping Business Tower, Honghua Road, Futian Free Trade Zone, Shenzhen, 518038 China (PRC)

2 SPECIAL CONDITIONS OF CONTRACT

1. Terms of delivery: The stores will be delivered by the firms on free delivery at consignee's end. Free delivery at site including freight & forwarding. Insurance as per DGS&D Standard Transit Insurance Clause. For Andaman & Nicobar & Lakshdweep, the firm will bear the delivery charges upto the main land port i.e. Kolkata / Chennai / Mumbai, whichever is nearest to the destination. After this, the delivery charges from main land port to the consignee destination in the above mentioned location, to be borne by the consignee.

2. PAYMENT TERMS: 95% payment will be made against proof of Inspection & provisional. receipt certificate issued by the consignee for the receipt of the material. The balance 5% of the contract price of the stores will be paid after demonstration and final acceptance of stores by the consignee and on submission of bank guarantee for the balance 5% of contract value valid for 2 months beyond the guarantee/warranty period. Indemnifying the purchaser against all losses incurred during the guarantee/warranty period stipulated in the contract.

3. Demonstration of the machines will be carried out free of cost at consignee's place.

4. Machines shall conform to Guarantee/Warranty clause for a period of 12 months from the date of Commissioning/demonstration, as per Clause 18 of form No. DGS&D- 1001.

5. Other terms and conditions are as per Form DGS&D-1001.

6. No assistance for import of finished product or raw material will be provided.

7. Tenderers shall have all the testing facilities and instruments to check and verify the functional parameters of the specifications.

8. For imported machines offered for inspection, the documentation requirements at the time of inspection of bulk supplies for each and every lot are as under:-

- a) Bill of Lading;
- b) Packing list;
- c) Certificate of origin;
- d) Serial numbers along with model numbers pertaining / corresponding to imports covered by above documents;
- e) A certificate from the manufacturer that the machines with particular model Nos. and Serial Nos. were exported by them to Indian supplier and that the same were tested in their factory and found to be satisfactory as per the standard specification of the product.

f) Guarantee/Warranty Certificate for the machine by R/C holding firms

9. Octroi Duty and Local Taxes:

Normally materials to be supplied to Government Department against Govt. Contracts are exempted from levy of town

duty, Octroi duty, terminal tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such exemption only on production of such exemption certificate from any authorized officer. Contractors should ensure that stores ordered against contracts placed by this office are exempted from levy of Town duty/ Octroi duty, Terminal tax or other local taxes and duties. Wherever, required, they should obtain the exemption certificate from the purchase officer or indenter concerned, to avoid payment of such local taxes or duties. Octroi, entry tax etc on the buyers account in the absence of relevant exemption certificate.

10. Road permit, Waybill to be provided by DDO along with the order.

In all such cases where the requirement of Road Permit/Way Bills for entry of goods into a particular State is mandatory, the following provisions shall be strictly followed: -.

(a) The supplier shall request the indenter/consignee for providing Road permit/ Waybill within 10 days of the receipt of the Supply order. The supplier shall furnish all the necessary information and documents in this regard to Indenter/consignee.

(b) On receipt of the above request from the supplier, the indenter/consignee concerned shall arrange to provide the Road permit/Way Bill in the prescribed form to the supplier within a maximum period of two weeks so that the same reaches the supplier before the dispatch of the stores. However, in cases where the Road permit/Way Bill is issued on proof of actual invoice of the material, the consignee shall arrange to provide the Road permit/Way Bill from appropriate authorities within a maximum period of 5 days from the receipt of invoice.

(c) The supplier shall not be held responsible for any delay in supply due to non- supply/delayed supply of Road permit/Way bill by the indenter/consignee.

(d) All cases of abnormal delay in providing requisite details/ documents by the supplier or issue of Road permit/Way bill by indenter/consignee, the same shall be reported by them to DGS&D.

The details of the Road permits presently applicable in different States are as under:-

Sr.No. States Road Permit

1 Andhra Pradesh: -

2 Arunachal Pradesh: Form DG-01

3 Assam: Form 62

4 Bihar:Form 28

5 Chhattisgarh: Form 59A

6 Goa: -

7 Gujarat: Form 403

8 Haryana:Form 38 if value is Rs. 25,000 or more.

9 Himachal Pradesh: -

10 Jammu & Kashmir: -

11 Jharkhand: Form 28B

12 Karnataka: -

13 Kerala: -

14 Madhya Pradesh: Form 88/89

15 Maharashtra: -

16 Manipur: Form 27

17 Meghalaya: Form 14

18 Mizoram: Form 33

19 Nagaland : Form 16

20 Orissa: Form 28

21 Punjab: -

22 Rajasthan: Form 18

23 Sikkam: Form 20

24 Tamil Nadu: -

- 25 Tripura: Form 26
- 26 Uttar Pradesh: Form 32
- 27 Uttaranchal: Form 17
- 28 West Bengal: Form 50

11. Signing of Inspection Notes issued by Quality Assurance Wing of DGS&D:

' Instructions to Indentors/Consignees':

Advance Payment Copy of Inspection Note for claiming 95% payment:

This is a provisional receipt. It only be tokens the receipt of stores by the consignee and is without prejudice to his rights of inspection and rejection under the general condition to contact. It is issued on said to contain basis the Contractor remaining responsible for proving the total quantities actually delivered. Consignee mentioned in the Inspection Notes should sign (in INK) & put his official rubber stamp on the Advance Payment Copy of Inspection Notes IMMEDIATELY on the receipt of the material and handover the same to the company's authorized representative. Where this is not possible or inconvenient, it should be signed (in INK) by an official authorized by the consignee in that behalf. In such cases, the official signing the receipt certificate should indicate his designation and the official on whose behalf he is signing; and put his official rubber stamp.

Balance payment & Accounts Copy of Inspection Note for claiming 5% balance payment.

(i) Within 90 days from the date of material received, Consignee mentioned in the Inspection Notes should sign (in INK) & put his official rubber stamp on the Balance & Accounts office copy of Inspection Notes and should fill up the columns of Receipt Voucher No.

(ii) In cases where the supply is incomplete or defective or the supplier do not carry out commissioning/demonstration of the stores within the period as per (i) above, the consignee shall report such cases immediately to the supplier and DGS&D.

(iii) In cases where the consignees do not release copy 2 and 5 of I/Notes within the period as (i) above for the reasons which are considered not valid by the supplier, they may approach DGS&D with complete details for authorization of balance payment without copy 2 and 5 of I/Notes and the same shall be considered by DGS&D on merits of each case.

For supplies made from the pre-inspected stocks, Inspection Notes are to be obtained from the Quality Assurance Officer in each case. Despatches / Deliveries of pre-inspected stocks which are duly accepted need not, however, await release of Inspection Notes and may be effected before Inspection Notes are actually released.

All other terms and conditions shall be as per standard conditions contained in Form DGS&D-1001.

12. Pre-Inspected Lot: In order to meet the urgent requirement of indenter you may maintain pre-inspected stock of Multi Media Projectors for ready dispatch against individual supply orders. In case, however, you fail to dispatch the stores within 60 days of inspection, the same shall have to be pre-inspected before dispatch.

13. Pre-Inspected Stocks of 500 Nos. Multimedia Projectors in assorted Models covered under rate contract listed in imported stores and indigenous stores would be maintained by firm for urgent requirements of various Govt. Departments.

For supplies made from the pre-inspected stocks inspection Note are to be obtained from the Inspecting Officer in each case. Dispatches/deliveries of pre-inspected stocks which are duly accepted need not however, await release of I/Notes are actually released.

SCHEDULE-D
SPECIAL INSTRUCTIONS TOR TO R/C HOLDERS

1. Rate Contract holders are advised that before entertaining the supply order(s), they should ensure the availability of following certificates from DDOs.

a) They are Central Government Department drawing funds from Consolidated Fund of India.

b) The expenditure involved for the purchase has received the sanction of the competent financial authority.

c) The funds are available under the proper head in the sanctioned budget allotment for the year.

d) They have been fully authorized by the Department to sign the supply order and incur the liability in respect of the stores being ordered.

2. The rate contract holders should assist the consignee(s) in the installation and operation of the machine, including recommendations for accessories and voltage stabilizer.

(Raj Kamal)

ASSISTANT DIRECTOR (S)

For and on behalf of the purchaser named in the form DGS&D-1001

SCHEDULE - C

List of Parallel Rate Contract For Multimedia Projector

Sr.No.	NAME & FULL ADDRESS OF FIRM	R/C NO & DATE
1	GLOBUS INFOCOM LTD. C-1/2,Safdarjung Development Area New Delhi- 110016 Mr. Manish Dham : 09999011344 New Delhi DELHI 110016	MMP/IT-3/RC-D1020000/0812/83/02463/1784 26-SEP-11
2	VSM ENTERPRISES PRIVATE LIMITED 21/1381, NAIWALA, KAROL BAGH, NEW DELHI-110005 Mr. Ashwani Narang: 09810161148 / 09310161148 NEW DELHI DELHI 110005	MMP/IT-3/RC-D1020000/0812/83/F0592/1785 26-SEP-11
3	ANKITA ENTERPRISES B-42,DDA SHED OKHLA INDUSTRIAL AREA PHASE-2, NEW DELHI- 110020 Mr. Rajiv Khanna: 09810060258, mail: ankita@nda.vsnl.net.in . DELHI 110020	MMP/IT-3/RC-D1020000/0812/83/F0367/1792 13-OCT-11
4	REDINGTON INDIA LIMITED E-47/12, Okhla Industrial Area, Phase-II, New Delhi- 110020 Mr.Dev Meena: 09312959680 Mr. Dibesh Kumar: 09313652668 New Delhi DELHI 110020	MMP/IT-3/RC-D1020000/0812/83/F0490/1786 26-SEP-11
5	PAN INTELLECOM LTD 313 -315, Som Datt Chambers - II, 9, Bhikaiji Cama Place, New Delhi- 110066 Mr. Harbir Singh: 09810056126, Mr. Kamal Jolly : 09810525862 New Delhi DELHI 110066	MMP/IT-3/RC-D1020000/0812/83/F0319/1791 13-OCT-11
6	UNEECOPS TECHNOLOGIES LTD.,	MMP/IT-3/RC-D1020000/0812/83/F0460/1800 26-DEC-11

6	<p>C-185, Uneecops House, Phase-1, Naraina Industrial Area, New Delhi- 110028</p> <p>Mr. Rajeev Sahani : 09810088934/ Ms Meenu: 09350602858 E-mail: rajeevs@uneecops.in / meenu.malhotra@uneecops.in New Delhi DELHI 110028</p>	MMP/IT-3/RC-D1020000/0812/83/F0460/1800 26-DEC-11
7	<p>AVECO TECHNOLOGIES PVT. LTD. 4TH FLOOR, F BLOCK, SURYA TOWERS, 104 S.P. Road, Secunderabad- 500 003 Secunderabad ANDHRA PRADESH 500 003</p>	MMP/IT-3/RC-D1020000/0812/83/F0699/1802 26-DEC-11
8	<p>SHARP BUSINESS SYSTEM (INDIA) LIMITED 214-221, ANSAL TOWER, 38, NEHRU PLACE, NEW DELHI- 110019 NEW DELHI DELHI 110019</p>	MMP/IT-3/RC-D1020000/0812/83/F0580/1804 26-DEC-11
9	<p>SONY INDIA PVT LTD A-31, Mohan Co-op Industrial Estate, Mathura Road, New Delhi-44 Mr. Mir Mohib : 09811083093 New Delhi DELHI 110044</p>	MMP/IT-3/RC-D1020000/0812/83/F0170/1805 26-DEC-11
10	<p>GENIUS PRESENTATION B-8/302, Vishwakarma Industrial Area, M.B.Road, New Delhi- 110044 New Delhi DELHI 110044</p>	MMP/IT-3/RC-D1020000/0812/83/F0645/1806 26-DEC-11
11	<p>HCL INFOSYSTEMS LTD E-4,5,6 Sector-11 NOIDA- 201301 Mr. Kapil Sharma- 9810206073, E-mail- kapil@hcl.com Noida UTTAR PRADESH 201301</p>	MMP/IT-3/RC-D1020000/0812/83/F0238/1803 26-DEC-11
12	<p>EPSON INDIA PVT. LTD. Flat No. 101-104, First Floor, Hemkunt Chambers, 89, Nehru Place, New Delhi- 110019 New Delhi DELHI 110019</p>	MMP/IT-3/RC-D1020000/0812/83/F0120/1801 26-DEC-11

NOTE:

(1) Before placing supply order, DDOs are advised to check with DGS&D or on the website whether any further RCs have been awarded or amendments to Rate Contract have been issued.

(2) All the R/C particulars including prices in respect of individual R/C's are available on DGS&D website, which can be accessed by all. The access code of DGS&D website is <http://dgsnd.gov.in>.

ANNEXURE

Multi-media Projector

A)General Specification:

Projector:

- 1.Throw ratio :Tenderers to indicate the throw ratio.
(Ratio of distance/Image diagonal)
- 2.Zoom Ratio :Manual or Power,min. 14% and 10% in case of SVGA Projector (Actual Value to be indicated).
- 3.Computer compatibility :SVGA,XGA and SXGA(Applicable in case of XGA projector)SVGA,XGA,WXGA,SXGA(Applicable in case of WXGA projector).
4. Video compatibility :PAL, SECAM, NTSC, HDTV,DTV.(DTV not applicable in case of SVGA projector.
5. Projection lamp :Tenderer should furnish part number voltage and expected life of lamp.
6. Lamp Life :2000 hrs.
(a) In normal mode
(b) in eco mode :it corresponds to the lower illumination ,hence it shall not be considered.
7. Lamp hour counter :Built-in integral with the system.
8. Brightness :As applicable for each item.
9. Audio System :1.0 Watt RMS min with built in speaker for upto 2500 ANSI lumens, for projector of higher higher ANSI Lumens provision of inbuilt speaker will not be necessary.
10. Remote Control :Full Funtion remote control unit for projector standard features for all the items.
11. Terminal Ports with connectors :DVI and/or Analog RGB In, RGB Out or external RGB Multiplexer, Audio IN.
12. Power consumption :To be indicated by the tenderer for each item.
13. Contrast ratio :To be indicated by the tenderer for each item.
14. Power supply :210-240V, 50 Hz.
15. Operating conditions :10 Degree to 35 Degree C,80% RH.
16. Cables, connectors and other cable :The Projector shall include power cable and VGA cable (1.5 m,for connecting to PC. For all other cables including power cable and VGA cable,(if the length required is more than 1.5 m shall be paid extra directly by the user.
17. Wireless Connectivity between PC and Projector, storage media port and wireless LAN Connectivity (wherever specified) :Through integrated port in the projector only.
18. Technology :LCD or DLP (To be declared by the tenderers).

(B) Desktop Multimedia Projector integrated with PC as Composite Unit.

Projector:

- | | |
|-----------------------------------|---|
| 1.Throw Ratio | :Tenderers to indicate the throw ratio. |
| 2.Zoom | :Manual or Power, minimum 10%(Actual value to be indicated). |
| 3.Computer compatibility | :SVGA,XGA. |
| 4.Projection resolution | :True XGA. |
| 5.Video compatibility | :PAL, SECAM, NTSC, HDTV and DTV. |
| 6.Projection lamp | :The tenderer should furnish part no., Voltage and expected life of lamp. |
| 7.Lamp Life | |
| (a) In normal mode | :2000 hrs. |
| (b) in eco mode | :It corresponds to the lower illumination ,hence |
| it | shall not be considered. |
| 8. Lamp hour counter | :Built-in integral with the system. |
| 9. Brightness | :As applicable for each item. |
| 10.Audio System | :10 Watt RMS min. with built in speaker or more. |
| 11.Remote Control | :Full Funtion remote control unit for projector standard features for all the items. |
| 12.Terminal Ports with connectors | :DVI and/or Analog RGB In, RGB Out or external RGB Multiplexer, Audio IN. |
| 13. Power consumption | :To be indicated by the tenderer for each item. |
| 14. Contrast ratio | :To be indicated by the tenderer for each item. |
| 15. Power supply | :210-240V, 50 Hz. |
| 16. Operating conditions | :10 Degree to 35 Degree C,80% RH. |
| 17. Cables, connectors and cable | :The Projector shall include power cable and VGA |
| length | (1.5 m,for connecting to PC. For all other cables including power cable and VGA cable,(if the required is more than 1.5 m shall be paid extra directly by the user. |

Computer Specification:

- | | |
|---------------------------|---|
| 1) CPU | :Intel Atom Dual core Processor,or better. |
| 2) Mother Board | :Intel 945 Chipset or better. |
| 3) Bus Bar architecture | :Integrated Graphics. |
| 4) Memory | :1GB 533 MHz DDR2 RAM. |
| 5) Hard Disk Drive | :160 GB 7200/5400 rpm serial ATA HDD,Small form factor. |
| 6) Key board | :104 Keys.(Wireless) |
| 7) Mouse | :Optical.(Wireless) |
| 8) Ports | :4 USB Ports, audio ports for Micro Phone and Head phone. |
| 9) Net Working Facility | :10/100/1000 on board integrated Net work Port. |
| 10) Operating System | :Window 7 or Linux Preloaded with Media and (OEM Pack). |
| 11) Optical Drive | :DVD R/W |
| 12) OS Certification | :Win Logo 7 and Linux. |
| 13) Pre-loaded Software | :Norton/ McAfee/Etrust/ Microsoft/Quick Heal Antivirus(Latest Version)with 60 Days License. |
| 14) Inter-active Software | :Suitable interactive and suitable education software to be supplied free of cost. |

Note:

1. The Weight of complete system should be less than 10 kg.
2. The Composite integrated System shall have Single SMPS & Power Cables to feed the complete Unit.
3. The Cabinet shall be made of Ploycarbonate/ABS.

(C) LED Based Multi-Media Projector

General Specification:

Projector:

1. Image Size Diagonal :762mm diagonal or better (For 200/300 ANSI Lumen) & 2540mm diagonal or better(For 2500 ANSI Lumens).
2. Projection lamp :LED.
3. Lamp Life :20000-30000 hrs.
4. Lamp hour counter :Built-in integral with the system.
5. Lamp Warranty :Free replacement upto five years from the date Supply.
6. Brightness :As applicable for each item.
7. Audio System :1.0 Watt with built in speaker.
8. Remote Control :Full Funtion remote control unit for projector standard features for all the items.
9. Terminal Ports with connectors :DVI and/or Analog RGB In.
10. Power consumption :To be indicated by the tenderer for each item.
11. Contrast ratio :To be indicated by the tenderer for each item.
12. Power supply :210-240V, 50 Hz./AC DC Adapator.
13. Operating conditions :10 Degree to 35 Degree C,80% RH.
14. Cables, connectors and other cable :The Projector shall include power cable and VGA cable
(1.5 m,for connecting to PC. For all other cables including power cable and VGA cable,(if the length required is more than 1.5 m shall be paid extra directly by the user.

D) Ultra Short Throw Multi-Media Projector.

Projector:

1. Screen Size verses Distance of Projector. :MMP should be capable of project a image of Min 2032mm from a distance of 635mm or better.
2. Throw Ratio :0.35 or better.
3. Native Resolution :XGA,WXGA(Where Applicable).
4. Video compatibility :PAL, SECAM, NTSC, HDTV,DTV.
5. Projection lamp :The tenderer should furnish part no., Voltage and expected life of lamp.
6. Lamp Life
 - (a) In normal mode :2000 hrs.
 - (b) in eco mode :It corresponds to the lower illumination ,hence it shall not be considered.
7. Lamp hour counter :To be built-in interal with the system.
8. Brightness :As applicable for each item.
9. Audio System :1 Watt built in speaker.
10. Remote Control :Full Funtion remote control unit for projector standard features for all the items.

- 11. Terminal Ports with connectors :DVI and/or Analog RGB In, RGB Out or external RGB Multiplexer, Audio IN.
- 12. Power consumption :To be indicated by the tenderer for each item.
- 13. Contrast ratio :To be indicated by the tenderer for each item.
- 14. Power supply :210-240V, 50 Hz.
- 15. Operating conditions :10 Degree to 35 Degree C,80% RH.
- 16. Cables, connectors and other cable :The Projector shall include power cable and VGA cable
length (1.5 m,for connecting to PC. For all other cables including power cable and VGA cable,(if the required is more than 1.5 m shall be paid extra directly by the user.

(E) OPTIONAL ACCESSORIES

(a) Interactive Display Module

- 1. Technology : Infrared
- 2. Screen Size : Upto 3048mm diagonal
- 3. Power consumption : Less than 1 watt (Power from USB interface)
- 4. Capability : Use the interactive pen for mouse emulation, capable of annotations, highlighting, presentation control, etc.
- 5. Hardware Interface : USB Port.
- 6. Capability : Use the interactive pen for mouse emulation, capable of annotations, highlighting, presentation control etc.

(b) Web Camera

- 1. Optics : Carl Zeiss Optics with autofocus.
- 2. Sensor : Native 2-MP HD sensor or better.
- 3. Microphone : Integrated.
- 4. Video frame rate : 30 fps or better.
- 5. Connectivity : USB
- 6. Mounting : Universal clip that can be a stand on the desk or can be mounted on a monitor/LCD/laptop.

(c) Universal Remote

- 1. Feature : Learning capability for learning existing remote, Customizable buttons that replaces upto 6 or more remotes

(F) FUNCTIONAL TESTING

Each projector/prolector with PC shall be tested for functional tests as detailed hereunder during inspection:-

- 1. Brightness ANSI Lumens (+/-20%) tolerance on declared value as per ISO/IEC-21118.

(a) Ambient Light during measurement shall be 5 LUX or less and shall be subtracted from measured value.

(b) Shall be measured at maximum optical zoom position after stabilising the projector on 1.78 M diagonal screen.

- 2. Uniformity of light output (+/- 20% as per ISO/IEC-21118). To be determined by 9 point method comparing light output at Point 1+ Point 3 + Point 7 + Point 9 with 4 x Point 5 on 1.78 M diagonal screen.

3. Contrast ratio (+/- 20% tolerance on declared value as per ISO/IEC-21118). Shall be measured on 1.78 M diagonal screen comparing the average light output over points from 100% white to 0% black computer generated analog signal 0.7 V +/- 1% at the end of 75 ohm (+/- 1%) terminating resistance. (For further details please refer to JIS:X6911).

4. Throw distance for 2M diagonal image at min. and max. Zoom.

5. Keystone correction (Yes/No).

6. All testing to be carried out on 240 V, 50 Hz AC supply.

7. The testing will be done as per product specifications to be declared by supplier and these will be carried out on each model of projector.

(F) ENVIRONMENTAL TESTING

At least one model of projector/prolector with PC from a series of projector of same design features from a manufacturer shall be subjected to environmental tests sequence as detailed hereunder at a government laboratory.

(a) Dry Heat Test : For 16 hrs. at a temp. of 45 degree C in accordance with IS:9000/part-3/section-5/1977.

(b) Cold Test : For 4 hrs. at a temp. of 0 degree C in accordance with IS:9000/part-2/section-4/1977.

(c) Damp Heat Cyclic Test : For 2 Cycles of 24 hrs. at a temp. of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/1981.

The multimedia projector shall be checked before and after the above environmental tests sequence for satisfactory functional requirements after a recovery period of 1 to 2 hours.

Uniformity of light output shall be measured before and after 2 hours of completing the above environmental sequence and the projector will not show any deterioration (an error of +/-2% may be treated as repeatability tolerance).

The projectors can be accepted on the basis of UL or CE certificate alongwith a certificate from OEM confirming compliance of the quoted models to the environmental conditions as per the clause (E) and functional parameters as per the clause (D) above.

Note:

Regarding the claimed LED Lamp Life Period as 20000 to 30000 hours firm shall submit

the necessary OEM certificate which shall be acceptable for registration and also for supply

The OEM certificate should be from the manufacturer on their letterhead duly stamped by them and counter-signed by the Indian supplier.

NOTES TO TENDERERS:

1. Tenderers may offer their standard models duly supported with technical Catalogues/ literature and shall furnish actual technical details of the models quoted against each parameter of quality requirements, separately for each item quoted by them. Deviations, if any, shall be clearly brought out.
2. The Suppliers shall indicate the leading dimensions, the adjustment range, Material and finish for each item quoted.
3. If, the offered models are with lamp life less than the specified, tenderer Shall include extra lamps in their offers to achieve specified lamp life.
4. Desktop Multimedia Projector integrated with PC Shall be possible to use the equipment as a stand alone computer with Monitor. The equipment shall be suitable for working continuously for 3Hours without any overheating or damage to any component. It shall be provided with suitable tripping mechanism.
5. Value of the parameters range of throw ratio, optical zoom, Brightness, digital zoom and audio output indicated as per questionnaire attached.
6. The foreign manufacturer has to declare with documentary evidence that they have adapted/tropicalised the equipment to suit Indian climatic conditions, as per clause 5.3.2 (c) of manual; and can prove the performance of the same at the premises in India. The firms meeting these conditions, in addition to other conditions of registration in vogue, shall only be considered for registration as 'supplier of imported stores'. Mere submission of test report for environmental testing will NOT be treated as sufficient unless above declaration is also furnished by the importer, along with their application for registration and tender enquiry.

Multimedia Projector with wireless connectivity between PC and Projector

Specification :As per general technical requirements.

Multimedia Projector with wireless connectivity between PC and Projector, Storage media port and wireless LAN connectivity

Specification :As per general technical requirements.

Optional Accessories for Multimedia Projector

Specification :As per general technical requirements.

LIST OF ALL AMENDMENTS

For RC No. MMP/IT-3/RC-D1020000/0812/83/F0460/1800

NOTE: No Amendments issued till date 04-JAN-12