

# **Offline- Open Tender NATIONAL TENDER ENQUIRY DOCUMENT**

**FOR SUPPLY, INSTALLATION, TESTING &  
COMMISSIONING  
OF MEDICAL EQUIPMENTS**

For & on behalf of  
**FOR**

**KALPANA CHAWLA GOVT. MEDICAL  
COLLEGE, KARNAL**

**Tender Enquiry Document No.:**

HSCC/KCGMC/Medical Equipment/2016/off/C/01/A Dated 04.11.2016

**BY**



**HSCC (INDIA) LTD**

**(A GOVERNMENT OF INDIA ENTERPRISE)**

Plot No. 6-A, Block-E, Sector-1, NOIDA (U.P.) - 201 301

**PHONE: 0120-2540153**

**FAX: 0120-2542447**

**KALPANA CHAWLA GOVT. MEDICAL COLLEGE,  
KARNAL, HARYANA**

**GOVT OF HARYANA**

**Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2016/off/C/01/A Dated 04.11.2016**

**NOTICE INVITING TENDERS (NIT) - Offline**

HSCC (India) Ltd. for and on behalf of Director General, Medical Education & Research, Panchkula, Govt. of Haryana invites **offline bids** from eligible bidders, in single stage two bid system for Supply, Installation, Testing, Commissioning & Handing-over of various **Medical Equipments for Kalpana Chawla Govt. Medical College, Karnal, Haryana:**

Item no.	Name of Item	Deptt.	Qty	EMD Rs.	
1	Micro tomes, rotary	Anatomy Apparatus - 02 nos + a Pathology - Morbid	4	20,000.00	III
2	Skeletons articulated	Anatomy Museum	5	1,08,600.00	III
3	Bones (Dis-articulated) sets	Anatomy Museum	25	2,05,000.00	III
4	Electrophoresis apparatus with power supply for paper PAGE AGAROSE	Biochemistry	6	48,000.00	III

Sl. No.	Description	Schedule
i.	On line sale of tender enquiry documents	<b>04.11.2016 to 25.11.2016</b> upto 12.30 hrs
ii.	Place of sale of Tender Enquiry Documents	HSCC (India) Ltd, Plot No. 6-A, Block-E, Sector-1, Noida (U.P)-201301
iii.	Cost of the Tender Enquiry Document	<b>INR 500/-</b>
iv.	Pre Tender Meeting Date & Time	<b>09.11.2016</b> , 11:00 hrs. IST
v.	Pre Tender Meeting Venue	Same as (ii) above
vi.	Closing date & time for receipt of Tender	<b>25.11.2016.</b> , 13.00 hrs IST
vii.	Time and date of opening of Techno – Commercial tenders	<b>25.11.2016</b> , 13:30 hrs IST
viii.	Venue of Opening of Techno Commercial Tender	Same as sr no. (ii) above

- TE Document fee Rs. **500/- per** set in the form of account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque drawn on a scheduled Bank in India/ cash in favour of "**HSCC (India) Ltd**" payable at New Delhi/ Noida.
- Bidder shall download the TE documents from the web site <http://eprocure.gov.in/cppp>, [www.hsccltd.com](http://www.hsccltd.com), and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 1 above.
- All prospective bidders may attend the Pre Tender meeting. The venue, date and time indicated in above.
- Bidder shall ensure that their bid, complete in all respects, are dropped in the Tender Box located at **HSCC (India) Ltd, Plot No. 6-A, Block-E, Sector-1, NOIDA (U.P.) – 201 301** on or before the closing date and time, failing which the bid will be treated as late and rejected.

5. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

6. The TE Document is not transferable.

7. **Bidder qualification Criteria:** Bidder should have turnover **Rs. 50 lakhs** per annum during last three financial years (i.e. 2013-14, 2014-15 & 2015-16)

7. Sealing of bid:

**Envelop I:** a. **Bid Security (EMD)/Registration certificate for the item quoted issued by NSIC/ DGS&D for exemption of EMD and bid document fee.**  
b. **Tender Document fee @ Rs. 500/-**

**Envelop II:** a. **Tender Form duly signed & filled**  
b. **Turnover certificate during last** three financial years (i.e. 2013-14, 2014-15 & 2015-16 certified by Chartered Accountant)  
c. Technical compliance sheet with technical leaflets

**Envelop III: Price Bid /Financial Bid**

These above envelopes I, II & III shall be further sealed in one outer envelope superscribing name of item, item no. and TE document No. ....

8. If Bidder submit bid security / performance security amount in the form of Demand Draft (i.e. DD)/ Bank Guarantee in favour of **HSCC (India) Ltd**

**9. Rejection of bid:**

If EMD & tender document fee / **Registration certificate for the item quoted issued by NSIC/ DGS&D for exemption of EMD and bid document fee**, as mentioned in the tender document not found in envelop-I, their bid will be rejected and Envelop -II & III will not open by the committee

**CHIEF GENERAL MANAGER HSCC (I) Ltd.**  
**For & on behalf of DGMER, Panchkula.**

Item no.	Name of Item	CMC
1	Micro tomes, rotary	To be quote
2	Skeletons articulated	Not applicable
3	Bones (Dis-articulated) sets	Not applicable
4	Electrophoresis apparatus with power supply for paper PAGE AGAROSE	To be quote

**Terms & conditions:-**

1. **Period of Validity:** A bid shall remain valid for **120 days** from the date of submission to HSCC.
2. **EMD:** Tenderer shall furnish along with its tender, earnest money for amount as shown in the NIT. The earnest money shall be furnished in one of the following forms:
  - i) Account Payee Demand Draft, (ii) Banker's cheque and (iii) Bank Guarantee as per format

The demand draft or banker's cheque shall be drawn on any commercial bank in India or country of the tenderer, in favour of the "HSCC (India) Ltd" payable at New Delhi/Noida. In case of bank guarantee, the same is to be provided from any commercial bank in India (as per the format in tender enquiry document). EMD to be valid for 165 days from the initial date of opening of the bid. The tenderer who are currently registered and, also, will continue to remain registered during the tender validity period with Directorate General of Supplies & Disposals or with National Small Industries Corporation, New Delhi for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. In case the tenderer falls in these categories, it should furnish copy of its valid registration details in its bid (with DGS&D or NSIC, as the case may be)

3. Rate: a) The Prices should be quoted in Indian Rupees only. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price. The rate quoted must be inclusive of Excise Duty, Packing & Forwarding charges, Sales Tax, entry tax, Freight charges and Insurance charges. The risk of damage or loss in transit if any will be rest on the suppliers only.  
b) CMC price has to be quoted as per format given in the bid.
4. **Sales Tax/ Vat:** Should be mentioned on price format.
5. **Evaluation:** The tenderers will be evaluated and compared separately for each item. The tenderer has to quote for the complete requirement given under the item. Comparison of the responsive tenders shall be carried out on all inclusive quoted price at Consignee site basis, inclusive of applicable taxes, duties, incidental services. The rate quoted must be inclusive of Excise Duty, Packing & Forwarding charges, Sales Tax, Freight charges, entry tax and Insurance charges. The quoted CMC prices will also be added for comparison & ranking purpose for evaluation
6. The bid submitted by MSME bidders shall be dealt as per the prevailing laws
7. **Name of Consignee:** The Director  
Kalpana Chawla Govt. Medical College,  
KARNAL (Haryana)

Name of Purchaser: The Director, Kalpana Chawla Govt. Medical College, KARNAL

Name of consultant: HSCC (India) Limited, E 6(A), Sector -1, Noida

8. **Delivery Period: 30 days from date of Notification of Award/Purchaser order to delivery at consignee site.** The date of delivery will be the date of delivery at consignee site.
9. **Installation and commissioning:** Installation and commissioning shall be done **within 15 days** of receipt of the stores/ goods at site or within two weeks of handing over the site for installation, whichever is later.
10. **Despatch Clearance:** No goods shall be despatched before issue of Despatch note issued by HSCC, failing which entire responsibility shall rest on the supplier.
11. **Warranty:** Warranty of equipments will be two years on site from date of commissioning & handing over to KCGMC/ Client.
12. **Performance Security:** Within fifteen (15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, initially valid for a period of minimum 24 months (as applicable warranty period of 2 years) from the date of Notification of Award.
13. This Notification of Award/Purchaser order Constitutes the formation of contract, scope of supply will be governed by the technical specifications & other terms & conditions of the aforesaid Tender Enquiry document and its amendments /corrigendum issued.
14. The Time lapse on the part of HSCC / KCGMC / on account of despatch clearance/ installation clearance will not be count for delivery period /installation period.

**15. Payment Terms:**

- (i) 80% payment on submission of following document:-
  - Copy of Purchase order.
  - Consignee receipt in original issued by KCGMC/HSCC.
  - Invoice in favour of consignee through HSCC for 80% claim
  - Warranty Certificate.
- (ii) 20% payment within on submission of following documents:
  - Copy of Purchase order.
  - Copy Consignee receipt issued by KCGMC/ Client.
  - Installation & commissioning or final acceptance certificate issued by KCGMC/HSCC.
  - Invoice in favour of consignee through HSCC for 20% claim.
16. Supply shall be accepted only after inspection and approval by the concerned authority.
17. **Liquidated Damage:** If the supplier fails to deliver any or all the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract.
18. **Insurance:** The supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the following manner:The supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this

respect shall be covered by the Supplier by getting the stores duly insured for an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee.

#### **19. Termination of Contract**

19.1 The Purchaser/Consignee, without prejudice to any other contractual rights and remedies available to it (the Purchaser/Consignee), may, by written notice terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Purchaser/Consignee

19.2 In the event of the Purchaser/Consignee terminates the contract in whole or in part, pursuant to sub-clause 19.1 above, the Purchaser/Consignee may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the Purchaser/Consignee for the extra expenditure, if any, incurred by the Purchaser/Consignee for arranging such procurement. Unless otherwise instructed by the Purchaser/Consignee, the supplier shall continue to perform the contract to the extent not terminated

#### **20.0 Resolution of disputes**

20.1 If dispute or difference of any kind shall arise between the Purchaser / Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

20.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, such dispute or difference shall be referred to the sole arbitrator appointed by **Director General Medical Education and Research, Government of Haryana, Panchkula**. The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award

20.3 Venue/seat of Arbitration: The venue of arbitration shall be at New Delhi, India.

**21.0 Applicable Law and Jurisdiction:** The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force. The contract shall be subject to the jurisdiction of Delhi court to the exclusion of all other courts.

**22.0 Delivery/Delay in the supplier's performance:** The supplier shall deliver of the goods and perform the services under the contract within the time schedule specified in the documents. The time for and the date of delivery of the goods stipulated in the schedule shall be deemed to be of the essence of the contract and the delivery must be completed not later than the date (s) as specified in the contract. Any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following actions:

- (i) imposition of liquidated damages,

- (ii) forfeiture of its performance security and
  - (iii) termination of the contract for default
- 23.0 The bid submitted by the bidder should be accompanied with Power of Attorney in favour of signatory of TE documents.
- 24.0 Notwithstanding the above, the Purchaser 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.



## TENDER FORM

Date:

To,

Chief General Manager, HSCC  
For & on Behalf of Director General Medical Education & Research (DGMER),  
Govt. Of Haryana,  
Panchkula

**Ref. TE document no.**

**Item no:-**

We, the undersigned have examined the above mentioned TE document, including all amendment/corrigendum issued the receipt of which is hereby confirmed. We now offer to supply and deliver, installation, commissioning \_\_\_\_\_ (*Description of goods and services*) in conformity with your above referred document terms for the sum of \_\_\_\_\_ (**NOT TO MENTION ANY PRICE DURING SUBMISSION IN TECHNICAL OFFER**) (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form.

We agree to keep our tender valid. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities.

We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any

We are fully agreed all the terms and conditions of TE document including amendment/ corrigendum /technical specification issued before opening of bid. In case, anywhere any conditional terms found in our bid, the same shall be treated as deleted/cancelled/ withdrawn from our bid. Whenever there is a conflict, the acceptance of all terms and conditions of TE document in the tender form / affidavit shall prevail only.

---

(Signature with date)

(Name and designation) Duly authorised to sign tender for and on behalf of



## Price Bid

**Item no:**

Name of item

Sr no.	Description of Goods	Make	Model no.	Qty.	# Unit Price Rs.	VAT/Sales Tax extra %	Total Amount Rs.
1.							

Note: 1. Sales tax/VAT should be mentioned separately.

2. # Unit price shall be included of all packing & forwarding, freight charges & insurance from ware house to consignee, local tax, entry tax, duties, two year warranty, VAT/ taxes and other levies payable by the supplier under the contract.

**Authorised Signatory**

### PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

1	2	3	4					5
Item no.	BRIEF DESCRIPTION OF GOODS	QUANTITY. (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise* (Inclusive of service tax & VAT, Excise duty) INR					Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)] (Inclusive of service tax, VAT, Excise duty) INR
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	
			a	b	c	d	e	

**\* After completion of warranty period**

**Authorised Signatory**

**BANK GUARANTEE FORM**

To

HSCC (India) Limited  
E 6 (A), Sector -1, Noida

IFB No.  
Name of Item  
Item no.

WHEREAS \_\_\_\_\_ (Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no. \_\_\_\_\_ dated \_\_\_\_\_ to supply (description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. \_\_\_\_\_ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

.....  
(Signature with date of the authorised officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Bran

## **Technical Specification of Equipments**

### **Item no. 01 – Micro Tome, rotary**

1. High precision machine suitable for both delicate as well as hard tissue sectioning.
2. Manual type with specimen clamps, user selectable coarse feed wheel turn direction. retraction on/off function and blade holder for disposable blades.
3. Section thickness setting 0.5-60  $\mu$ m with settings in 0.5, 1, 2, 5 increments at different levels.
4. Section increment:
  - from 0 to 2  $\mu$ m in 0.5  $\mu$ m steps.
  - from 2 to 10  $\mu$ m in 1  $\mu$ m steps.
  - from 10 to 20  $\mu$ m in 2  $\mu$ m steps.
  - from 20 to 60  $\mu$ m in 5  $\mu$ m steps.
5. Specimen advance 28 mm or more.
6. Vertical stroke 60 mm or more.
7. Provision of step trimming.
8. Adjustable Specimen Clamp at least 50 x45 mm with orientation in x y axis.
9. Single disposable blade holder for accommodating both high and low profile blades.
10. Lateral Coarse feed.
11. Integrated removable section waste tray.
12. Spare Low and High Profile Blades in dispenser pack of 50 blades: 6 packets each.
13. The equipment should be USA- FDA/European- CE approved

#### **Accessories:**

- Orientable specimen clamp in x, y axis
- Disposable blade holder which accommodates both high and low profile blades
- Spare Low and High Profile Blades in dispenser pack of 50 blades: 6 packets each

### **ITEM No. 2 Human Skeleton Articulated ( Real Bone)**

With Wooden show case having three side glass frame with lock system, wheel base & provision of hook on the roof for hanging the original human full skeleton.

- 1.1 Mounted skeleton, one with the various parts connected in such a way as to demonstrate normal relationships and allow motion between components as in the living body.

#### Technical Specifications

- 2.1 The articulated skeleton should be ideal for teaching the basics of human anatomy
  - i. Adult Male & Female – 1set each
  - ii. Old age Male & Female -1 set each
  - iii. Adolescent Male & Female -1 set each
  - iv. Child Male & Female – 1 set each
  - v. Paediatric Male & Female – 1 set each
- 2.2 It should be real skeleton of a life size human skeleton and should show all skeleton part in high details.
- 2.3 The arms, legs and skull cap should be removable for study.
- 2.4 All of the joints sutures, fissure, foramina and processes should be portrayed with at most
- 2.5 Should be supplied with 5 caster roller stand
- 2.6 It should be neat and clean
- 2.7 Bone should be marked & painted in RED colour and insertions should be marked and painted in BLUE colour.

### **Item no 3, Complete human bones set dis articulated (Real Bone)**

1. Real Skeleton of life size human bone and should show all skeleton part in high details.
2. The disarticulated adult bone set should be ideal for teaching the basics of human anatomy.
3. It should be neat and clean and dried showing all impressions / elevations/ deepness foramina and bony landmarks without any deformity/ breakage and damages.

**ITEM No. 4 , Electrophoresis Apparatus with Power Supply for Paper /PAGE/AGAROSE**

**Chambers – total 6**

**1. For Paper electrophoresis, horizontal – 2**

Paper electrophoresis system, cellulose acetate system suited for standard and wet cellulose paper electrophoresis support adjustable for different strip lengths can adjust strip dimensions of upto 24x20 cm. Acrylic made, with lid, platinum electrodes, red and black connecting cords.

Suitable for standard and wet cellulose acetate electrophoresis of haemoglobin, serum proteins isoenzymes, urine proteins, lipoproteins and glycoproteins, can adjust multiple gel sizes available commercially.

**2. For gel (agarose) electrophoresis – 2**

**a. Small system – One**

Acrylic made, Inner tank 215 x141 x55mm, with lid

Trays:

130 x 130mm – 1 No.

130 x 65 mm – 2 Nos.

65 x 60 mm – 4 Nos.

No. of Combs:

13 Well Analytical Acrylic Comb 1.5mm thick x 1 No.

8 Well Analytical Acrylic Comb 1.5mm thick x 4 Nos.

3 Well Preparative Acrylic Comb 3 mm thick x 1 No.

Universal gel casting tray, Platinum electrodes, Red and black connecting cables.

**b. Large system – One**

Acrylic made, Inner tank 39.5 x 23 x 9 cm, with lid

Trays:

200 x 100 mm – 1 No.

200 x 200 mm -1 No.

200 x 250 mm – 1 No.

Comb: 20 well (1mm thick) x 2 Nos.

2gel easting dams, Platinum electrodes, Red and black connecting cables

**3. Vertical electrophoresis (PAGE)**

**a. Mini System – One**

Vertical dual mini Gel, Acrylic made, with lid, Gel Size: 8 x 7 cms x 2

Upper buffer tank dimension: 70 x 70 x 43mm

Lower buffer tank dimension : 150 x 130 x 115mm,

Combs:

7 Well Teflon Comb 0.5 mm -2 Nos.

7 Well Teflon Comb 1 mm – 2 Nos.

Teflon Spacers:

0.5mm Teflon Spacers – 4 Nos.

1 mm Teflon Spacers – 2 Nos.

Glass plate: Notched and Rectangular 2 sets of glass plates, 2 sets of Clamp and screws, Water circulation, Gel casting unit, red and black connecting cables, Platinum electodes.

**b. Large system – One**

Acrylic made, with lid, Dual gel system, Gel Size: 16 x 20 cms x 2 gels,

Upper Buffer Tank Dimension : 200 x 75 x 20 mm

Lower Buffer Tank Dimension: 270 x 100 x 115 mm

Combs: 20 Well Teflon Comb 1 mm – 2 Nos.

Teflon Spacers: 1 mm Teflon Spacers 6 Nos.

Red and black connecting cables, Platinum Electrodes, Water Circulation,  
Glass plate: Notched and Rectangular 2 sets  
Clamp and Screws : 4 sets  
Gel Casting Unit

**Power supplies – One**

Output range upto 500 V, adjustable in 1 V steps, 0.01-2.5 A, adjustable in 0.001 A steps, Upto 500 W, fully adjustable in 1 W steps.  
Modes- programmable, constant voltage, constant current, or constant power with facility for auto crossover  
Terminals – 4 pair of recessed banana jacks in parallel  
Timer control of 1-99 hr 59 min. Fully adjustable  
Pause/resume function,  
Programmable – memory for methods storage and real time clock.  
Automatic recovery after power failure  
LCD Display  
Proper safety and electrical compliance  
Safety: No-load detection, sudden load change detection, ground leak detection, overload/ short circuit protection,  
Overvoltage detection, input line protection, auto power –up after power failure.  
Input power suited to Indian power supply of 110-240 V AC, 50/60 Hz  
Operating conditions 0-40 C 0-90% humidity  
**Appropriate CE/ISI etc. certification.**