

# TENDER DOCUMENT

## FOR

**DISPOSAL OF UNSERVICEABLE, OBSOLETE SCRAP MATERIALS OF DUCTABLE PACKAGED UNITS WITH DUCTS, GRILLS AND ITS ASSOCIATED LOW SIDE MATERIALS, ELECTRICAL INSTALLATIONS, FALSE CEILING, FIRE ALARM SYSTEM AND ALUMINIUM/GLASS PARTITIONS AND MISC SCRAP ITEM**

**TENDER NO.CDFD/ENGG/SCRAP/UPPAL/2018-19**



**Centre for DNA Fingerprinting and Diagnostics (CDFD)**

Inner Ring Road, Uppal, HYDERABAD - 500039

Telangana State, India.



# CENTRE FOR DNA FINGERPRINTING AND DIAGNOSTICS

(An Autonomous Institute of Department of Biotechnology, Ministry of Science and Technology, Govt. of India)

Inner Ring Road, Uppal, HYDERABAD - 500039 Telangana State, India

Email: [incharge\\_engg@cdfd.org.in](mailto:incharge_engg@cdfd.org.in)

## NOTICE INVITING TENDER

**Tender No.CDFD/ENGG/SCRAP/Uppal/2018-19**

**Date: 05.09.2018**

1. Sealed tenders are invited on behalf of and by the Director, CDFD for “**Disposal of Un-serviceable / obsolete / scrap materials of Ductable Packaged Units with Ducts, Grills and its Associated Low Side Materials, Electrical Installations, False Ceiling, Fire Alarm System and Aluminium / Glass Partitions / Double Skin Partitions and Miscellaneous Scrap Items etc. on as is where is condition AND All the building Civil repair works (major & minor) is a part of the quote. Reconditioning of the building (major and minor civil works) is part of the tender. The successful bidder needs to close all the holes and broken walls, etc while removing the HVAC units, Grills, False ceiling, Fire Alarm System, Electrical installations, cabling, TFR, DB’s, etc. (List of Items enclosed)**”.
2. Location of work: Tuljaguda Complex (TSHB), Opp. To M.J.Market, Nampally, Hyderabad 500 001.
3. Interested eligible bidders may download the complete bidding documents from our Website (<http://www.cdfd.org.in>).
4. Earnest Money Deposit / Bid Security: EMD amounting to Rs.1,00,000/- (Rupees One Lakh only) by way of Demand Draft / Bank Guarantee of a commercial bank in favour of “Director, CDFD and payable at Hyderabad obtained from any Commercial Bank, should be enclosed along with the Technical Bid.
  - I. This amount is interest free and will be returned to the unsuccessful bidder after finalization of the Contract within 30 days.
  - II. The firms registered with DGS&D, NSIC and MSE if any, are exempted from payment of Earnest Money Deposit (EMD) and enclose the valid proof along with Quotation.
5. **The firms registered with MSME/MSEs should indicate the Udyog Aadhar Memorandum (UAM) Identification Number in their quotation failing which the exemption of EMD and other benefits as available will not be applicable.**
6. **Due Date for Receipt of Tenders: 26.09.2018 @ 11.00 am**  
**Opening of Bids: 26.09.2018 @ 11.30 am at CDFD Laboratory Building, Uppal Campus, Hyderabad.**  
 If the above stated opening or closing date(s) happens to be Govt. holiday(s)/BANDH, the submission/opening of the tender will be on the next working day as per the time scheduled.
7. **The sealed cover duly super-scribed with Tender No.CDFD/ENGG/SCRAP/Uppal/2018-19 due on 26.09.2018 @ 11.00 am containing bid along with the relevant documents should be dropped in the Sealed Tender Box kept at the Engineering Section, CDFD Laboratory Building, Uppal Campus, Hyderabad on or before 11.00 am of 26.09.2018. The Tender document at any cost should not be handed over to any persons.**
8. CDFD does not bind itself to accept the highest or any other tender and reserves the authority to reject any or all tenders without assigning any reason.
9. **Bidders sending their through courier / postal services should ensure to send the same well in advance as CDFD does not take any responsibility for late receipt of quotes due to postal / courier delays.**
10. Tenders submitted without EMD will be rejected. Tenders received after due date and time will not be entertained. Institute is not responsible for any postal delay. CDFD does not take any responsibility for loss of Tender in transit sent by courier or any postal delays, Tenders received after the due date and time will be summarily rejected. Incomplete or conditional tenders are liable for rejection.
11. All the tenders, in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
12. It is mandatory for the contractors to visit the site before quoting the Tender. Otherwise, their tenders will be summarily rejected. The volume of the work (civil works) for reconditioning of the building and the quantity of the materials to be dismantled / shifted / cleared should be properly estimated before quoting the tender. Contractors should submit site visit report on their letter heads duly certified by the Executive Engineer / STO, along with the tender as per the Form-I.

Sd/  
Incharge-Engineering

CDFD

Signature of the Bidder

## CHAPTER 1

### INSTRUCTIONS TO BIDDER

1. **Scope of Work:** "Disposal of Un-serviceable / obsolete / scrap materials of Ductable Packaged Units with Ducts, Grills and its Associated Low Side Materials, Electrical Installations, False Ceiling, Fire Alarm System and Aluminium / Glass Partitions / Double Skin Partitions and Miscellaneous Scrap Items etc. The successful bidder needs to close all the holes and broken walls, etc while removing the HVAC units, Grills, False ceiling, Fire Alarm System, Electrical installations, cabling, TFR, DB's, etc.
  2. **QUALIFICATION CRITERIA:**
    1. The Firm / Agency should be registered with CPWD / Railways / Defence / Electricity Board, etc. / Central Pollution Control Board or State Pollution Control Board or Local Authorities.
    2. The Firm / Agency should be in the business of dealing with scrap items for the last 3 years and have successfully executed at least one similar work during the preceding 3 financial years.
    3. The Firm / Agency should possess valid firm Registration Certificate
    4. The Firm / Agency should possess valid GST Certificate.
    5. The Firm / Agency should be free from all encumbrances and possess adequate resources for executing the contract in case it is awarded. The firm should submit Affidavit as per the Form-II.
  3. **LANGUAGE OF BID:** The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Seller, shall be written in Hindi/English language only.
  4. **DOCUMENTS TO BE ENCLOSED WITH BID:** The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the purchaser shall be written in Hindi/English language only.
    - i. Detailed quotation along with Terms and Conditions.
    - ii. CDFD Tender document duly signed by the bidder on all the pages.
    - iii. EMD of Rs.1,00,000/-
    - iv. Copy of Firm Registration
    - v. Copy of GST Registration
    - vi. Price Bid Proforma as per Annexure-A
    - vii. Check List as Annexure-B
- Note: Your Bid will be rejected if all / any of the above enclosures are not attached with the Technical Bid without seeking any further clarifications from you.**
5. **BID SECURITY / EARNEST MONEY DEPOSIT (EMD):** The Bidder shall furnish, as part of its bid, a bid security (BS)/ Earnest Money Deposit (EMD) for an amount of Rs.1,00,000/- (Rupees One Lakh only). The bid security shall be in one of the following forms at the bidders' option:
    - a. A bank guarantee issued by a Nationalized/Scheduled bank/Foreign Bank should be valid for three months; or
    - b. A Banker's cheque or demand draft in favour of Director, CDFD, payable at Hyderabad.

The Bid Security should be submitted in its original format. Copies shall not be accepted.

The Bid Security of unsuccessful bidder will be discharged /returned as promptly as possible as but not later than 15 days after the expiration of the period of bid validity or placement of order whichever is later.

The successful Bidder's Bid Security will be discharged upon the Bidder furnishing the performance security.
  6. The firms registered with DGS&D, NSIC and Micro and Small Enterprises (MSE) if any, are exempted from payment of BS provided such registration includes the item they are offering and submit the valid registration copy with the quotation.
  7. **The firms registered with MSME/MSEs should indicate the Udyog Aadhar Memorandum (UAM) Identification Number in their quotation failing which the exemption of EMD and other benefits as available will not be applicable.**
  8. The bid security may be forfeited:
    - a. If a Bidder withdraws or amends or impairs or derogates its bid during the period of bid validity specified by the Bidder; or
    - b. In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 7 days of the order and/or fails to furnish Performance Security within 7 days from the date of contract / order.
  9. The EMD submitted by the selected bidder will be adjusted with the sale proceeds and balance to be payable by way of DD/pay order immediately but not later than 3 working days.
  10. The parties can inspect the site from 17-09-2018 (Monday) to 19-09-2018 (Wednesday) between 3.00 p.m. to 5.00 p.m. by calling Mobile No.94414 90598 / 99896 75652.

11. The Agency should follow the rules and regulations of CDFD and coordinate with Security Section for smooth handling of Scrap materials.
12. The selected bidder to bring the computerized Weighment Slips both empty and loaded materials in case CDFD requests for the same at the expenses of the bidder.
13. The Contractor should arrange necessary requirements such as manpower, packing materials, transporting vehicles, crane, Forklift etc and CDFD will not provide any such facilities.
14. The manpower deployed by you should behave properly with CDFD officials and in case any requests is made to change the manpower, the same should be done immediately without further details.
15. In case the bidder is unable to deposit the balance amount within 3 working days from the date of declaration of successful Bidders the EMD amount will be forfeited without any further communication to you. The work order will be issued to the next quoted bidder without further reference.
16. CDFD will not accept for any extension of time for lifting of the scrap materials.
17. Time Limit for execution of work order will be 20 days after accepting the work order.
18. The Contractor is responsible for total compliance under various laws as applicable under the scope of work and CDFD in any manner will take any responsibility.
19. In case of Dispute or difference arising between the institute and the contractor relating to any matter arising out of or connected with this Work Order, such disputes of difference shall be settled mutually by the Director, CDFD and the decision of the Director, CDFD is final and binding on both the parties.
20. **PERIOD OF VALIDITY OF BIDS:** Bids shall remain valid for 30 days after the date of bid opening prescribed by the Purchaser.
21. The Bidder is required to go through all the Terms & Conditions of the Tender document and sign all the pages as token of acceptance of having read the Terms and Conditions and accepted the same.
22. **LATE BIDS:** Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser will be rejected. Such tenders shall be marked as late and not considered for further evaluation. It will be returned to the bidders in their original envelope without opening.
23. **EVALUATION & COMPARISON OF BIDS:** Bidders who have quoted as per the tender specifications will only be considered for comparison and other bids will be summarily rejected.  
Arithmetical errors in the financial bids will be rectified on the following basis:
  - If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
  - If the supplier does not accept the correction of errors, its bid will be rejected.
  - If there is a discrepancy between the price quoted in words and figures, the **rate quoted in words will be taken as final** and shall be binding on the Bidder.
24. **CLARIFICATIONS BY CDFD:** The Tender Evaluation Committee may seek clarifications on the technical as well as commercial terms if deemed fit and the bidder to provide such clarifications in a reasonable time immediately within a day or two.
25. **AWARD CRITERIA:** CDFD will place the order on the highest evaluated Bidder for HVAC material, Electrical / Fire Alarm System and Aluminium / Glass and Partition items together as per Annexure-A.. In exceptional cases, the Director, CDFD reserve the right to award the order on any other Bidder based on the recommendations of Expert Committee Constituted for the Evaluation of the Tender.
26. The Contract will be awarded to the overall highest quoted bidder.
27. **DISQUALIFICATION OF TENDERS:**
  - Tenders are liable for rejection if they are not in line with the terms and conditions of this tender notice.
  - Conditional quotations will be liable for rejection or may not be considered.
  - Fax or e-mail tender documents /bids will be rejected.
  - Submission of Single Bid as against Two Bid System or Quotes submitted in Email/fax will be rejected.
28. All the building Civil repair works (major & minor) is a part of the quote.  
Reconditioning of the building (major and minor civil works) is part of the tender. The successful bidder needs to close all the holes and broken walls, etc while removing the HVAC units, Grills, False ceiling, Fire Alarm System, Electrical installations, cabling, TFR, DB's, etc.

**29. FRAUD AND CORRUPTION:** The purchaser requires that the *bidder's* suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

"Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract; "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, noncompetitive levels; and "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.

The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.

- I. **SETTLEMENT OF DISPUTES:** The Seller and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with this Contract.
- II. **APPLICABLE LAW:** The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction.
- III. **NOTICES:** Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing and confirmed to the other party's address specified in the Purchase Order.
- IV. **TAXES AND DUTIES:** The Firm / Agency shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred in connection with the disposal of these items.

#### DECLARATION

I/We \_\_\_\_\_ have read the entire terms and conditions of this Tender document and are agreeable to the terms and conditions mentioned herein.

Sign. of Bidder

Name:

Company Seal:

**FORM-I****PROFORMA OF SITE VISIT REPORT**

I, ..... representing the firm ..... has visited the site i.e. Tuljaguda Complex, Opp. to M.J.Market, Nampally, Hyderabad 500 001, on ..... and inspected the scope of work to be undertaken and understood the quantity of materials to be dismantled / shifted / cleared and volume of work (Civil works) for reconditioning of the building.

**Signature of Bidder or  
an Authorized Officer of the firm with Stamp**

**Certified by CDFD  
(Executive Engineer / Sr.Tech.Officer)**

**Note:** To be furnished on the Letterhead of the firm.

**FORM-II****PROFORMA OF AFFIDAVIT FOR EXECUTING THE CONTRACT**

I / We undertake and confirm that our firm / agency shall be made free from all encumbrances and possess adequate resources for executing the contract within the time limit given for execution of work order.

**Signature of Bidder or  
an Authorized Officer of the firm with Stamp**

**Note:** Affidavit to be furnished on a "Non-Judicial" Stamp Paper worth Rs.100/-.

**PRICE SCHEDULE****ANNEXURE – A**

1. Name & Address of the Firm : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
2. Name of the Contact Person : \_\_\_\_\_
3. Telephone Numbers: (O):- \_\_\_\_\_  
 (R):- \_\_\_\_\_  
 (M):- \_\_\_\_\_  
 E mail:- \_\_\_\_\_
4. PAN No. : \_\_\_\_\_
5. Details of EMD enclosed: \_\_\_\_\_  
 D.D./Pay Order No.:- \_\_\_\_\_ Dated: \_\_\_\_\_  
 Amount:- \_\_\_\_\_
6. Amount quoted for the HVAC and its associated materials including plant room, DPU's Ducts, Grills, etc. inclusive GST as applicable.  
 (In figures) Rs. \_\_\_\_\_  
 (In words) \_\_\_\_\_
7. Amount quoted for Electrical Items including TFR, VCB, PDB's, LDB's, Cables, round type light fittings, Trays, and Fire Alarm System, etc. inclusive GST as applicable.  
 (In figures) Rs. \_\_\_\_\_  
 (In words) \_\_\_\_\_
8. Amount quoted for Aluminium partitions / Glass Partitions / Cement particle boards / false ceiling / etc. inclusive GST as applicable.  
 (In figures) Rs. \_\_\_\_\_  
 (In words) \_\_\_\_\_



**CHECK LIST**  
**ANNEXURE – B**

<b>S. No.</b>	<b>Particulars</b>	<b>Indicate Yes/No</b>	<b>Enclosure No.</b>
1	Copy of Firm Registration attached		
2	Copy of GST attached		
3	Detailed Quotation along with Terms & Conditions		
4	CDFD Tender Document duly signed and stamped attached		
5	Earnest Money Deposit		
6	Exemption claimed for EMD		
7	Photocopies of two Work Orders		
8	All documents as per Clause No. 3 enclosed		
9	UAM Copy enclosed or not		

SIGNATURE OF BIDDER WITH SEAL:

Name:

Email ID:

Contact Number:

**Annexure-1****CATEGORY – I (HVAC) – TULJAGUDA CAMPUS****Air Conditioners / Ductable Package Units : Lab**

<b>Location</b>	<b>Capacity</b>	<b>Quantity</b>
Ground Floor	5.50 TR	1 No.
	11.0 TR	2 Nos.
First Floor	11.0 TR	1 No.
	8.70 TR	1 No.
Second Floor	16.50 TR	3 Nos.
Third Floor	16.50 TR	3 Nos.
	11.0 TR	1 No.
Duct Material GI	24 G	1400 sq.m. (approx)
	22 G	700 sq.m.(approx)
Grills	Lot	Lot
Copper pipes	Lot	Lot
PVC Drain Pipe	Lot	Lot
Damper	Lot	Lot
Plant room panels / supporting channels insulation under deck	Lot	Lot

**Note:**

- 1) Please inspect the site / materials / units, etc. before quoting.
- 2) The quantity of the materials mentioned above are tentative (approximate), not exact numbers.

**Annexure-2****CATEGORY – II (ELECTRICAL) – TULJAGUDA CAMPUS**

S.No.	Description	Model / Make	Qty (Nos.)	Remarks
1.	750 kVA Transformer with On load Tap Changer	PETE	01	11kV / 433 V
2.	(i) 11kV VCB (ii) 11kV SFU Breaker	(i) MHVCB (ii) Pentagon	01 01	12kV & 400 A
3.	AMF Panel with following ACBs i) 1250 A 4 Pole ACB – 2 Nos. ii) 1250 A 3 Pole ACB – 1 No.	GE Spectronic	03	With volt meter, ammeter & all selector switches
4.	Sandwich Bus Duct from transformer to AMF Panel and AMF Panel to 750 DG Set	-	01	
5.	Transformer yard fencing & 320 kVA DG Set silencer vertical MS stand	-	01	-
6.	3.5C x 240 sq.mm. Underground Armoured cable from change over switch to 320kVA DG set	-	2 Runs	-
7.	PCC Panel with the following breakers at cellar i) 1250A 4 Pole ACB – 1 No. ii) MCCB, 630A, TPN – 1 No. iii) MCCB, 400A, TPN – 4 No. iv) MCCB, 250A, TPN – 4 No. v) MCCB, 100A, TPN – 6 No. vi) MCB, 63A, 4 Pole – 14 No. vii) MCCB, 100A, 4 Pole – 1 No. viii) MCCB, 32A, 4 Pole – 10 Nos.	GE Spectronic	01	Complete Panel
8.	On load change over switch. 4 Pole, 800A & Volt meter and Ammeter	HPL Socomac Pvt. Ltd.	01	Complete panel
9.	Blower Motor – 15HP/20kW & Fully Automatic Starter	Crompton Greeves & L&T	01	Available with complete GI duct for fresh air
10.	Capacitor Panel (Old) i) MCCB, 250A, 3 Pole – 1 No. ii) 63A Switches, 3 Pole – 6 Nos.	L&T	01	Complete panel available
11.	APFC Panel (Cellar) with the following: i) MCCB, 630A – 1 No. ii) MCCB, 63A – 10 Nos. iii) MCCB, 80A – 1 No. iv) 30kVAR Capacitor Bank – 1 No. v) 25kVAR Capacitor Bank – 4 No. vi) 20kVAR Capacitor Bank – 5 No. vii) 15kVAR Capacitor Bank – 1 No.	PEC	01	Complete panel available
12.	AMF Panel with Ammeter, Volt meter, frequency meter, CSPC controller and selector switches	-	01	Complete panel available

**Note:**

- 1) Please inspect the site / materials / units, etc. before quoting.
- 2) The quantity of the materials mentioned above are tentative (approximate), not exact numbers.

S.No.	Description	Model / Make	Qty (Nos.)	Remarks
13.	Transformer tap position indicator panel	-	01	Complete panel available
14.	VTPN with the following: i) DPX, 125A, MCB – 1 No. ii) 3 Pole, MCBs, 63A – 8 Nos.	Legrand	01	Cellar
15.	UPS DB with the following: i) DP, 32A, MCB – 1 No. ii) SP, 16A, MCB – 12 Nos. iii) SP, 10A, MCB – 2 Nos.	Havells	01	Cellar
16.	DB with the following: i) 4 Pole, 63A, MCB – 1 No. ii) SP, 16A, MCB – 8 Nos. iii) SP, 20A, MCB – 1 No. iv) SP, 32A, MCB – 2 Nos.	Legrand	01	Cellar
17.	DB with the following: i) 4 Pole, 63A, MCB – 1 No. ii) SP, 16A, MCB – 4 Nos. iii) SP, 20A, MCB – 3 Nos. iv) SP, 32A, MCB – 3 Nos.	Havells	01	Cellar
18.	Lighting DB with the following: i) 4 Pole, 63A, MCB – 1 No. ii) SP, 16A, MCB – 3 Nos. iii) SP, 20A, MCB – 1 No. iv) SP, 32A, MCB – 2 Nos.	Havells	01	Cellar
19.	Raw Power DB with the following: i) 4 Pole, 63A, MCB – 1 No. ii) SP, 16A, MCB – 10 Nos. iii) SP, 20A, MCB – 1 No	Havells	01	Cellar
20.	Lighting DB with the following: i) SP, 20A, MCB – 7 Nos. ii) SP, 32A, MCB – 1 No.	Legrand	01	Cellar Carpenter Section
21.	Raw Power DB with the following: i) 3 Pole, 63A, MCB – 1 Nos. ii) SP, 20A, MCB – 7 Nos.	Legrand	01	Cellar Canteen
22.	VTPNs with the following: i) DPx125A, 3 Pole, MCCB – 1 No. ii) 3 Pole, 63A – 3 No. iii) 3 Pole, 32A – 1 No. iv) 1 Pole, 32A – 1 No. v) 1 Pole, 10A – 1 No.	Legrand	01	Cellar UPS Room
23.	VTPNs with the following: i) DPx125A, 3 Pole MCCB – 1 No. ii) 3 Pole, 63A MCCB – 6 Nos iii) 1 Pole, 32A, MCCB – 3 Nos.	Legrand	01	Cellar UPS Room
24.	Raw Power and Lighting DB with the following: i) 3 Pole, 63A, MCB – 1 No. iii) 1 Pole, 16A – 9 Nos. iv) 1 Pole, 25A – 6 Nos. v) 1 Pole, 10A – 3 Nos.	Hager	01	Cellar DNA Lab

**Note:**

- 1) Please inspect the site / materials / units, etc. before quoting.
- 2) The quantity of the materials mentioned above are tentative (approximate), not exact numbers.

S.No.	Description	Model / Make	Qty (Nos.)	Remarks
25.	UPS DB with the following: i) DP, 32A – 7 Nos. ii) SP, 16A – 3 Nos. iii) SP, 10A – 3 Nos.	Hager	01	Cellar DNA Lab
26.	Starter Panel (Canteen) i) 4 Pole 25A with GI pipe (3inch dia) – 3 mtrs.			Cellar, Canteen
27.	VTPNs with the following: i) DPx125A, 3 Pole – 1 No. ii) 3 Pole, 40A – 2 Nos iii) 3 Pole, 32A – 2 Nos.	Legrand	01	Cellar Instrumentation Entrance
28.	VTPNs with the following: i) 3 Pole, 125A – 1 No. ii) 3 Pole, 63A – 7 Nos iii) 1 Pole, 20A – 3 Nos.	Legrand	01	Ground Floor Corridor
29.	Raw Power DB with the following: i) 4 Pole, 100A, MCB – 1 No. ii) 1 Pole, 32A, MCB – 2 Nos. iii) 1 Pole, 25A, MCB – 1 No. ii) 1 Pole, 20A, MCB – 9 Nos.	Havells	01	Ground Floor Corridor
30.	Raw Power DB with the following: i) 3 Pole, 63A – 1 No. ii) 1 Pole, 16A – 15 Nos. iii) 1 Pole, 32A – 1 No. iv) 1 Pole, 25A – 1 No.	Havells	01	Ground Floor Corridor
31.	Lighting DB with the following: i) 4 Pole, 63A, MCB – 1 No. ii) 1 Pole, 16A – 16 Nos. iii) 1 Pole, 16A – Nil	Havells	01	Ground Floor Corridor
32.	UPS DB with the following: i) 3 Pole, 40A, MCB – 1 No. ii) 1 Pole, 16A – 10 Nos. iii) 1 Pole, 25A – 3 Nos. iv) 1 Pole, 20A – 5 Nos.	Havells	01	Ground floor
33.	Raw Power DB with the following: i) 3 Pole, 63A MCB – 1 No. ii) 1 Pole, 10A – 1 No. iii) 1 Pole, 16A – 3 Nos iv) 1 Pole, 20A – 3 Nos.	Havells	01	Ground Floor Corridor
34.	VTPNs with the following: i) DPx250A, 3 Pole MCCB – 1 No. ii) 3 Pole, 63A MCB – 8 Nos.	Legrand	01	Ground Floor AC Plant
35.	VTPNs with the following: i) DPx125A, 3 Pole MCCB – 1 No. ii) 3 Pole, 63A MCB – 5 Nos. iii) 1 Pole, 20A MCB – 6 Nos.	Legrand	01	1 <sup>st</sup> Floor Panel room
36.	Main UPS DB with the following: i) 3 Pole, 63A MCB – 1 No. ii) 1 Pole, 32A MCB – 10 Nos.	Legrand	01	1 <sup>st</sup> Floor Panel room

**Note:**

- 1) Please inspect the site / materials / units, etc. before quoting.
- 2) The quantity of the materials mentioned above are tentative (approximate), not exact numbers.

S.No.	Description	Model / Make	Qty (Nos.)	Remarks
37.	UPS DB – Type: SPN DB with the following: i) 2 Pole, 63A DB MCB – 1 No. ii) 1 Pole, 16A MCB–14 Nos. (16 way)	Havells	01	1 <sup>st</sup> Floor Panel Room
38.	Raw Power DB – Type: TPN DB 6 way with the following: i) 4 Pole, 63A MCB – 1 No. ii) 1 Pole, 20A – 3 Nos. iii) 16A – 13 Nos.	Havells	01	1 <sup>st</sup> Floor Panel Room
39.	Raw Power DB – Type: TPN DB 4 way with the following: i) 4 Pole, 63A MCB – 1 No. ii) 1 Pole, 32A MCB – 3 Nos. iii) 20A MCB – 9 Nos.	Havells	01	1 <sup>st</sup> Floor Panel Room
40.	Lighting DB –Type:TPNDB 6 way with the following: i) 2 Pole, 63A MCB – 1 No. ii) 1 Pole, 16A MCB– 14 Nos.	Havells	01	1 <sup>st</sup> Floor Panel Room
41.	Raw Power DB – Type: TPN DB 6 way with the following: i) 4 Pole, 63A MCB – 1 No. ii) 1 Pole, 16A – 17 Nos. iii) 32A MCB– 01 No.	Havells	01	1 <sup>st</sup> Floor Panel Room
42.	Raw Power DB – Type: TPN DB 6 way with the following: i) 3 Pole, 63A MCB – 1 No. ii) 1 Pole, 16A – 4 Nos. iii) 1 Pole 10A MCB – 10 Nos.	Havells	01	1 <sup>st</sup> Floor Panel Room
43.	VTPNs with the following: i) DPx250A MCCB, 3 Pole -1 No. ii) 3 Pole, 63A MCB– 8 Nos.	Legrand	01	1 <sup>st</sup> Floor AC Plant
44.	Main UPS DB with the following: i) 3 Pole, 63A MCB -1 No. ii) 1 Pole, 32A MCB– 7 Nos.	Legrand	01	2 <sup>nd</sup> Floor Panel room
45.	Main Raw Power Panel with the following: i) DPx630A, MCCB, 3 Pole – 1 No. ii) 4 Pole, 32A MCB – 10 Nos. iii) 4 Pole, 63A MCB – 16 Nos.	Legrand	01	2 <sup>nd</sup> Floor
46.	UPS DB – SPN Type 16 way with the following: i) 2 Pole, 63A MCB – 1 No. iii) 1 Pole, 10A MCB – 12 Nos.	Havells	01	2 <sup>nd</sup> Floor Lab
47.	Raw Power DB 6 way with the following: i) 4 Pole, MCB, 63A – 1 No. ii) SP, 16A MCB – 12 Nos. iii) SP 10A MCB – 2 Nos.	Havells	01	2 <sup>nd</sup> Floor Lab
48.	Raw Power DB 6 way with the following: i) 4 Pole, 63A – 1 No. ii) SP, 32A MCB – 8 Nos. iii) SP 20A MCB – 10 Nos.	Havells	01	2 <sup>nd</sup> Floor Lab

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S.No.	Description	Model / Make	Qty (Nos.)	Remarks
49.	UPS DB SPN 16 way with the following: i) 2 Pole, MCB, 63A – 1 No. ii) SP, 10A MCB – 12 Nos.	Havells	01	2 <sup>nd</sup> Floor Lab
50.	Lighting DB TPN 6 way with the following: i) 4 Pole, 63A – 1 No. ii) SP, 16A MCB – 12 Nos. iii) SP 20A MCB – 1 Nos.	Havells	01	2 <sup>nd</sup> Floor Lab
51.	Raw Power DB TPN 6 way with the following: i) 4 Pole, MCB, 63A – 1 No. ii) SP, 10A MCB – 8 Nos. iii) SP 16A MCB – 3 Nos. iv) SP 32A MCB – 1 No.	Havells	01	2 <sup>nd</sup> Floor Lab
52.	UPS DB SPN 16 way with the following: i) 2 Pole, MCB, 63A – 1 No. ii) SP, 16A MCB – 12 Nos.	Havells	01	2 <sup>nd</sup> Floor Director's Office
53.	UPS DB SPN 16 way with the following: i) 2 Pole, MCB, 63A – 1 No. ii) SP, 16A MCB – 12 Nos.	Havells	01	2 <sup>nd</sup> Floor Director's Office
54.	Raw Power DB TPN 6 way with the following: i) 4 Pole, MCB, 63A – 1 No. ii) SP, 16A MCB – 10 Nos.	Havells	01	2 <sup>nd</sup> Floor Director's Office
55.	Raw Power DB TPN 6 way with the following: i) 4 Pole, MCB, 63A – 1 No. ii) SP, 16A MCB – 15 Nos.	Havells	01	2 <sup>nd</sup> Floor Director's Office
56.	Lighting DB TPN 6 way with the following: i) 4 Pole, MCB, 63A – 1 No. ii) SP, 10A MCB – 12 Nos. iii) SP, 16A MCB – 1 No.	Havells	01	2 <sup>nd</sup> Floor
57.	VTPNs with the following: i) DPX250A 3 Pole, MCB – 1 No. ii) 3 Pole, 63A MCB – 5 Nos.	Legrand	01	2 <sup>nd</sup> Floor
58.	Main UPS DB with the following: i) 3 Pole 63A MCB – 1 No. ii) SP 32A MCB – 11 Nos.	Legrand	01	3 <sup>rd</sup> Floor
59.	Main Raw Power Panel with the following: i) DPX630A MCCB – 1 No. ii) 4 Pole, 32A MCB – 10 Nos.	Legrand	01	3 <sup>rd</sup> Floor
60.	10kVA static switch with scrap MS boxes	-	01	3 <sup>rd</sup> Floor
61.	UPS BD SPN 16 way with the following: i) 2 Pole MCB 63 A – 1 No. ii) SP MCB 16A – 14 Nos.	Havells	01	3 <sup>rd</sup> Floor
62.	Raw Power DB TPN 4 way with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 16A – 12 Nos.	Havells	01	3 <sup>rd</sup> Floor

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S.No.	Description	Model / Make	Qty (Nos.)	Remarks
63.	Raw Power with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 20A – 9 Nos. iii) 32A – 9 Nos.	Havells	01	3 <sup>rd</sup> Floor
64.	Lightning DB 6 way DB with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 10A – 6 Nos. iii) 32A MCB – 3 Nos.	Havells	01	3 <sup>rd</sup> Floor
65.	Raw Power DB 4 way DB with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 16A – 9 Nos. iii) 32A MCB – 1 No. iv) 25A MCB – 2 Nos.	Havells	01	3 <sup>rd</sup> Floor
66.	UPS DB 16 way DB with the following: i) 2 Pole MCB 63 A – 1 No. ii) SP MCB 16A – 12 Nos.	Havells	01	3 <sup>rd</sup> Floor
67.	Raw Power DB 4 way with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 20A – 3 Nos. iii) 20A MCB – 7 Nos.	Havells	01	3 <sup>rd</sup> Floor West Wing Lab
68.	Raw Power DB 6 way with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 10A – 3 Nos. iii) 16A MCB – 7 Nos.	Havells	01	3 <sup>rd</sup> Floor West Wing Lab
69.	Raw Power DB with the following: i) 3 Pole MCB 63 A – 1 No. ii) SP MCB 20A – 5 Nos. iii) 16A MCB – 10 Nos. iv) 25A MCB – 3 Nos.	Havells	01	3 <sup>rd</sup> Floor West Wing Lab
70.	Lighting DB 6 way with the following: i) 4 Pole MCB 63 A – 1 No. ii) SP MCB 16A – 18 Nos.	Havells	01	3 <sup>rd</sup> Floor West Wing Lab
71.	UPS DB 16 way with the following: i) 2 Pole, MCB 16A – 1 No. ii) SP MCB 16A – 12 Nos. iii) 10A MCB – 01 Nos.	Havells	01	3 <sup>rd</sup> Floor West Wing Lab
72.	3 <sup>rd</sup> Floor West Wing Lab Ladies Toilet (Hand Drier)	-	01	-
73.	X-Ray Room Main DB with the following: i) 3 Pole, MCB 32A – 3 Nos. ii) SP MCB 32A – 3 Nos. iii) SP 20A MCB – 02 Nos. iv) 10A MCB – 1 No.	Havells	01	3 <sup>rd</sup> Floor
74.	3 <sup>rd</sup> Floor X-Ray Room with the following: i) 3 Pole, MCCB 125A – 1 No.	Legrand	01	3 <sup>rd</sup> Floor

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S.No.	Description	Model / Make	Qty (Nos.)	Remarks
75.	VTPNs AC Plant with the following: i) DPX250A 3 Pole, MCCB – 1 No. ii) 3 Pole MCB 63A – 7 Nos. iii) SP 20A MCB – 01 Nos.	Legrand	01	3 <sup>rd</sup> Floor
76	Raw Power DB with the following: i) 4 Pole, MCB 63A – 1 No. ii) SP MCB 20A – 5 Nos. iii) SP 25A MCB – 04 Nos	Havells	01	3 <sup>rd</sup> Floor
77.	VTPNs (Ground Floor outside near Bathrooms) with the following: i) DPX 125A 3 Pole MCCB – 1 No. ii) 3 Pole 63A MCB 20A – 4 Nos.	Legrand	01	Ground Floor
78.	Starter Box GI Pipe and M.S. Grill	-	01	Canteen
79.	Exhaust Duct connected to all toilets in all floors	GI Duct	01	All Floors
80.	Fresh Air Duct from Cellar (Electrical Section) to Stores and Purchase and Canteen Area and Parking Area	GI Duct	01	Cellar
81.	25x3mm. GI Strip (6 Runs) from Earth Pit to all floors	GI Strip	Lot	All Floors
82.	HT Cable From SFU to VCB	-	Lot	Cellar
83.	Underground armoured cables different sizes from cellar to all floors	-	Lot	All Floors
84	Internal lighting wiring, power pointing in all floors	-	Lot	All Floors
85.	4ft. Tube Light Fittings	-	113	All Floors
86.	18W CFL Fittings	-	78	All Floors
87.	11W CFL Fittings	-	60	All Floors
88.	36W CFL Fittings	-	20	All Floors
89.	2ft. Tube Light Fittings	-	7	All Floors
90.	Exhaust Fans 12" Dia	Crompton	18	All Floors
91.	Fire Alarm System detection (MCP, HD, SD, RI, etc) and its associated looping cables	Lot	Lot	All Floors

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Annexure-3CATEGORY – III (CIVIL) – TULJAGUDA CAMPUS

S.No	Description	Approx.Qty	Remark
1.	Aluminium Partition with Glass & Board including Doors and Aluminium Windows / Ventilators	3 <sup>rd</sup> Floor- 3,960 2 <sup>nd</sup> Floor-7,767 1 <sup>st</sup> Floor- 900 Ground -2,400 Cellar - 1,800 Windows - 2028 <b>Total - 18,855 Sft.</b>	
2.	False Ceiling	3 <sup>rd</sup> Floor- 13,200 2 <sup>nd</sup> Floor-6,600 1 <sup>st</sup> Floor- 6,600 Ground -6,120 Cellar - 4,080 <b>Total - 36,600 Sft.</b>	
3.	Double Skin Partition	3 <sup>rd</sup> Floor- 364 2 <sup>nd</sup> Floor-240 1 <sup>st</sup> Floor- 352 Ground -544 Cellar - 8380 <b>Total - 9,880 Sft.</b>	
4.	Main Steel Gate with 6 shutters made of MS pipes & plates / Flats	<b>01 Set</b>	
5.	Door Closures	<b>60 Nos.</b>	
6.	CDFD Name Board with MS pipe installed near Exit gate (opposite to Canara Bank)	<b>01 Set</b>	

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