

**INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH  
GOREGAON (EAST), MUMBAI**

**TENDER DOCUMENT FOR  
Supply and Installation of 20 KVA Online  
UPS (Qty: 02) for the Computer Centre ,IGIDR**

NIT No: IGIDR/Tender/2020-21/CC/04

INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH

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Gen. A.K. Vaidya Marg, Film city Road, Santosh Nagar, Goregaon (EAST), MUMBAI-400065.

TELEPHONE: 022 2841 6200 / FAX: 022 2841 6399.

## INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH, MUMBAI

### Notice Inviting Tender

“NAME OF THE WORK: **Procurement and Installation of 20 KVA Online UPS (Qty: 02) for the Computer Centre** at INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH, GOREGAON, MUMBAI – 400 065.”

1. Institute invites sealed bids from reputed vendors for the following work:

Name of work	Period of completion
(1)	
<b>Supply and Installation of 20 KVA Online UPS (Qty: 02) in parallel mode for the Computer Centre</b>	<b>21 days</b>

The tenders being invited from eligible Agency/systems integrators/resellers having relevant experience for supply and installation and support of online UPS . IGIDR reserves its right to award the work to the successful bidder.

2. Bidder has to submit Earnest Money Deposit Rs 20,000.00 only along with the bid.
3. Tender in sealed envelope, supported by prescribed annexure; EMD, Technical bid & financial bid shall be placed in separate sealed envelopes each marked as “Envelope-1: EMD”, “Envelope-2: Pre-qualification & Technical Bid”, “Envelope-3: Financial bid” respectively. All three envelopes shall be submitted together in another sealed envelope endorsed “ Tender for **Supply and Installation of 20 KVA Online UPS (Qty: 02) for the Computer Centre**”. **The bidder also submit the scan copy of the “Pre-qualification technical bid” and EMD details (DD/FD/BG/UTR) through email to E-mail id [tender@igidr.ac.in](mailto:tender@igidr.ac.in) with Subject “ EMD-Pre-qualification Technical bid” attaching a single zip file or single PDF file.**
4. Last date of submission of the Tender document shall be up to **3:00 PM on February 15, 2021**. No tender will be accepted after 3:00 PM on **February 15, 2021** under any circumstances whatsoever.
5. The Institute reserves the right to reject any prospective application without assigning any reasons whatsoever.

REGISTRAR

**SECTION-A**

LETTER OF OFFER \*

Date \_\_\_\_\_

The Registrar,  
Indira Gandhi Institute of Development & Research,  
Gen. A.K. Vaidya Marg, Filmcity Road,  
Goregaon (East), Mumbai 400065.

**Subject: Supply and Installation of 20 KVA Online UPS (Qty: 02) for the Computer Centre.**

Reference: NIT No: IGIDR/Tender/2020-21/CC/04

Date:

Dear Sir,

With respect to your above mentioned tender, I / We hereby submit my / our tender in the required format along with Company Profile and supporting documents.

Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of the said Conditions of Contract annexed hereto so far as they may be applicable or in default thereof to forfeit the EMD and pay to the IGIDR the amount mentioned in the said Conditions.

I/We have deposited earnest money through **NEFT/DD/FDR/BG/** to the IGIDR, which will not bear any interest.

Should I/We fail to execute the contract when called upon to do so. I/We do hereby agree that this sum shall be forfeited by me/us to the IGIDR.

I / We have carefully gone through the terms and conditions prescribed and I / We accept the same in to without any alterations / modifications.

Yours faithfully,

**Signature**

Name & seal of Contracting

Agency/firm/company

\*To be printed on company Letterhead and scanned or Digitally signed pdf document

## SECTION-B

### GENERAL INSTRUCTIONS TO TENDERER

Sealed Tender should be addressed to The Registrar, Indira Gandhi Institute of Development Research, Goregaon (East), Mumbai-400065

1. If applicable Bidder has to submit Earnest Money Deposit Rs. 20,000.00 through DD/FDR/BG/NEFT to “INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH”, Account No: 010220100010001, IFS Code: BKID0000102 , BRANCH NAME: I G I D R , BANK NAME : BANK OF INDIA and UTR NO with screenshot of transaction should be included in the part of tender document towards Earnest Money.
2. The Earnest Money deposit by a Demand Draft/ Bank Guarantee issued by a Schedule Bank drawn in favor of Indira Gandhi Institute of Development Research, Mumbai shall be accepted by the Institute. A tender which is not accompanied by EMD(if applicable) will not be considered. The EMD will be returned to the bidder if their tender is not accepted by the Institute but without Interest. The EMD paid by the successful bidder shall be held/encashed by the IGIDR as security for execution and fulfillment of the contract. No interest shall be paid on this deposit. **The bidders who are exempted from submission of EMD, bidders should submit the copy of certificate issued by Micro and Small Enterprises (MSEs).**
3. The **Envelope-1 & 2** with subject “**EMD, Technical & Prequalification bid for Supply and Installation of 20 KVA Online UPS (Qty: 02) for the Computer Centre**” shall be opened by REGISTRAR or his authorized representative in his office on the same day at **4:00 PM**. In case, holiday is declared by the Government on the day of opening the bids, the bids will be opened on the next working day at the same time.
4. **Financial bid** of only qualified bidders will be opened. The date of opening of financial bid shall be informed by the institute to the qualified bidders.
5. Tenders shall remain valid for acceptance by the Institute for a period of three months from the date of opening of the tender which period may be extended by mutual agreement and the bidder shall not cancel or withdraw the bid during this period.
6. The bidder must use only the formats issued by the Institute to fill in the rates. Any addition/alteration in the text of the Tender form made by the bidder shall not be valid and shall be treated as null and void.
7. The Tender form must be filled in English. If any of the documents is missing or unsigned, the tender may be considered invalid by the Institute in its discretion.
8. Rates should be quoted both in figures and in words in columns specified. Overwriting of figures is not permitted. Failure to comply with either of these conditions will render the tender void at the Institute's option. No advice whatsoever especially on any change in rate specifications after the opening of the tender will be entertained.
9. Each Page of the Tender Documents should be stamped and signed by the authorized person or persons submitting the Tender in token of his/their having acquainted himself/themselves with the General terms & conditions, specifications, special conditions of contract, etc. as laid down. Any Tender with any of the documents not so signed will be rejected.

10. The successful bidder will have to deposit a Performance Security Deposit of 10% of order value, within 30 days of the receipt of the formal order. The performance security will be furnished in the form of an account payee Demand Draft, FDR or Bank Guarantee from a commercial bank drawn in favour of “The Registrar, Indira Gandhi Institute of Development Research, Mumbai” payable at Mumbai. The performance security should remain valid for warranty/contract period specified in tender. This deposit shall be forfeited in case the contractor, who fails to discharge its duties/commitments or whose contract is terminated prematurely. No interest will be paid on Security Deposit withheld by the Institute.

11. The Institute does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the Tenders, either in whole or in part, without assigning any reasons for doing so.

12. On receipt of intimation from the Institute of the acceptance of their tender, the successful vendor/contractor shall be bound to sign the formal contract /Purchase order and acknowledge the same within seven days .

13. Tender bid must include in their rates, applicable GST and any other tax and duty or other levy in force levied by the Central Government or any State Government or Local Authority, if applicable

14. The intending bidder can obtain any clarifications regarding the tender document, scope of work etc. if any from the office of the department **Computer Center, Mr Lingaraj Panda, Email: [lingaraj@igidr.ac.in](mailto:lingaraj@igidr.ac.in), Tel:28416548/581 Mobile:9967635444** on any Institute`s working day.

I/We hereby declare that I/we have read and understood the above instructions and the same will remain binding upon me/us.

Place :

Signature of Bidder

Date :

With the seal of their company

**SECTION 'C'**  
**TERMS AND CONDITIONS**

Upon the declaration of an intending vendor/bidder to be the Successful Bidder by the Institute, they shall be subject to the following terms and conditions that shall form part of the Formal Contract to be executed with the Institute.

1. The successful bidder shall not assign the sub-contract. In case of breach of these conditions, the IGIDR may serve a notice in writing on the Contractor rescinding the contract.

2. The successful bidder shall carry out all the work strictly in accordance with scope of work, technical specifications and as per detailed instructions of the Institute.

3. The successful bidder must cooperate with the other contractor appointed by the Institute so that the work shall proceed smoothly to the satisfaction of the Institute.

4. In all matters of dispute arising on the work, the matter shall be referred to **The Registrar ,Indira Gandhi Institute of Development Research, Goregaon** for a mutual decision.

5. **Arbitration Clause:** In the event that the Successful Bidder is not satisfied by the decision of the Registrar, Indira Gandhi Institute of Development Research, the dispute shall be settled by arbitration in accordance with the provisions of arbitration and conciliation act, 1996 or any enactment thereof. The Arbitral Tribunal shall consist of one arbitrator, to be appointed by the Institute. The place of arbitration shall be Mumbai and any award whether interim or final, shall be made, and shall be deemed for all purposes between the parties to be made in Mumbai. The arbitration proceedings shall be conducted in the English language and any award or awards shall be rendered in the English language. The procedural law of the arbitration shall be the Indian law. The award of the arbitral tribunal shall be final, conclusive and binding upon the Successful Bidder and the Institute.

6. **Payment Terms:**

i.Payment will be released only after successful installation and commissioning of the equipment ordered. No advance payment will be made.

ii.Income tax and all other applicable taxes shall be deducted at source as per prevailing Govt. Rules in this regard.

7. **Delivery & Installation:** The items ordered must be delivered, installed and commissioned within a period of 3 weeks days from the date of placing the purchase order. The installation will be considered complete

and warranty period will commence only when all the components of hardware, software, etc. are installed, commissioned and working satisfactorily.

**8. Warranty and Support:**

UPS, including all accessories except batteries, should have a 5 years comprehensive onsite warranty and 3 years warranty of batteries from the date of successful installation.

**9. Penalty:**

If the selected firm fails to deliver the service, penalty to such effect would be charged. IGIDR reserves rights to forfeit the security deposit if any.

I/We hereby declare that I/we have read and understood the above terms and conditions that form part of the Formal Contract to be executed between I/us and the Institute. The same shall be binding upon me/us upon being declared as the Successful Bidder.

Place :

Signature of Bidder

Date :

With the seal of their company

**SECTION-‘D’**

**PRE-QUALIFICATION CRITERIA**

**Pre-Qualification Documents to be submitted by Bidder along with Pre-qualification Bid:**

**Eligibility for Bidders**

The Agencies that fulfil the following requirements shall be eligible to apply:

- a) Copy of Registration of Firm Certificate of Incorporation of company or Partnership deed.
- b) Copy of Registration of Goods & Service Tax and PAN
- c) The bidder should have an average annual turnover of INR 10 lakh in the last 3 financial years. Submit copies of audited Balance Sheet and Profit & Loss account /CA Certificate for the last three years.
- d) OEM certificate/ authorization letter related to the tender.
- e) Either the Registered Office or one of the Branch Offices of the bidder should be located in Mumbai, Mumbai suburban, Thane and Navi Mumbai .
  - f) The OEM or their authorized dealers/distributors/ vendors should have at least **five years of experiences** in similar volume of works of supply, installation and maintenance of items mentioned for the Government (State/ Central/Autonomous) organization/institutes/universities, as on tender submission deadline.
    - i) at least 01 similar work of value not less than Rs. 6.5 Lakh OR ii) at least 02 similar works of value not less than Rs. 4.8 Lakh OR iii) at least 03 similar works of value not less than 3.2 lakh. References order copy proof of completion certificate for the project must be provided.
- g) The bidder should not be black listed by any Govt. organization /PSU during last 3 years. A declaration certificate to this effect is to be submitted as per the format given in Annexure-1.

Bidders must submit documentary proof in support of meeting each of the above minimum qualification criteria. A simple undertaking by the bidder for any of the stated criteria will not suffice the purpose. All documentary proof must be listed on the **letterhead** of the company, to be submitted along with the qualification bid duly stamped and signed by the authorized person of the agency.



- Information to be furnished by the bidder:**

<b>Sr. No.</b>	<b>Item</b>	<b>Information to be filled by Bidder</b>
1	Name of the bidder	
2.	Address	
2	Telephone Number: Office: Mobile Number of contact person/account manager Fax No. E-Mail address-	
3	Details of Registration (number & date)	
4	Month and Year in which the firm / company was formed/ incorporated.	
5	Type of organisation (Sole Proprietor, Partnership, Pvt. Ltd., Public Ltd., etc.)	
6	Enclose copy of partnership deed, Articles of Association or Affidavit (in case of firm)	
7	Average Annual Turnover of Last Three Financial Year (attached audited balance sheet & profit & Loss account)	FY 2019-20..... FY 2018-19..... FY 2017-18.....
8	NEFT BANK DETAILS	

## SECTION-‘E’

### TECHNICAL BID

IGIDR is deemed to be a university and an advanced research institute established by Reserve Bank of India. It is spread across 14 Acres of land and the institute has a small datacenter (server room) .The entire campus is inter-connected with Local Area Network, WiFi, connecting desktops and laptops and mobile devices. The Data Center provides all the services 24 x 7 to users and need to be protected from power failure.

IGIDR invites quotations from the reputed vendors who provide installation and support of UPS with battery power backup .

Supply, installation, testing and commissioning of 2X20 KVA UPS system

- **SPECIFICATION System Description & Scope:**

1. The system shall consist of 2 Nos. True On line UPS each of 20 KVA capacity and connected in N+1 parallel redundant mode. In case of additional power requirement in future, the increase in power should be possible by successively adding more UPS units in parallel to these UPS units without affecting the general operation of the system.

2. Each UPS shall be designed to operate as true on line double conversion and shall have galvanic isolation through the Isolation transformer of suitable capacity for meeting out UPS full load, losses of UPS and fully drained battery charging load etc. In case the UPS manufacturer desires to provide an Isolation transformer on the output side, the battery bank shall be rated accordingly.

3. Each UPS shall have a separate enclosure/ cabinet.

4. Each UPS shall have its own static switch, IGBT based rectifier/charger , IGBT based inverter and the battery bank.

5. Static bypass module shall ensure the instantaneous transfer of load to the bypass AC source input. Manual maintenance bypass switch shall isolate the UPS for maintenance and transfer the load to the bypass AC source input.

6. In case of malfunctioning of one of the UPS, the defective UPS shall be isolated from the system automatically and the full load will be met by other healthy UPS.

7. In case of failure of both UPS due to internal faults the load shall be fed by the bypass mains automatically, provided the Mains voltage and frequency are within acceptable limits.

8. In case of excessive temporary over loads the system shall be designed to switch over to the bypass mains provided the Mains voltage and frequency are within acceptable limits. After removal of the temporary overload, the system shall automatically switch back to UPS mode from bypass mode.

9. Each UPS shall have complete isolation facility by means of MCCBs/circuit breakers at battery bank , input and output both so that in the event of failure of one UPS, another UPS can be repaired without switching off the other UPS to ensure continuous output of the healthy UPS to the load.

10. Input and Output Power Supply arrangement: The institute shall provide Incoming Power Supply Switch/MCCB for UPS unit and Output Load Panel for taking UPS power in the UPS Room. Supply and connecting suitable size & required capacity all the copper conductor PVC insulated cables for full load of UPS from the Incoming Power Supply Switch/MCCB to both the UPS Units and from each of the UPS outputs to the Common Paralleling Output Panel and then to the Output Load Panel. The cable shall be terminated properly with copper lugs as required.

11. Earthing: The institute shall provide the earth point in the UPS room.

#### **12. Battery Back-up**

i) Battery Bank: The battery bank shall consist of a required number of 12 volts Valve Regulated Lead Acid (VRLA). Sealed Maintenance Free (SMF) batteries of required Ampere Hour capacity to meet the backup requirement.

ii) The rack of the Battery Bank shall be made of MS angle framework of adequate size and strength to accommodate all the required batteries of each UPS and shall have suitable clearance for ventilation and maintenance of batteries. The rack shall be powder coated. The interconnection of the battery shall be with single core PVC insulated fire retardant copper cables of suitable size and capacity with necessary terminal blocks, nuts

bolts etc. and all the cable shall be dressed in a neat manner. The suitable capacity MCCB shall be mounted outside the rack to isolate the battery bank in case of emergency or during maintenance.

iii) Each UPS unit of both the sets of UPS Systems shall have separate battery bank. Total backup of 1 Hour (30 minutes for each UPS at 50% load) with required number of batteries, with battery interconnection, jumper copper cables, required capacity copper flexible cables from Battery bank to both UPS (10 mtr. approx. for each UPS) and terminal connectors etc.

iv) The bidder should submit the detailed calculations for the Number of Batteries required of the proposed capacity to provide a total backup of 1 hour along with the datasheet of ups.

v) The bidder may demonstrate the battery backup at site after successful commissioning of the system.

### 13. Advance Battery Management :

(a) To prolong the battery life, the UPS shall be provided with temperature – compensated battery charging and protection against over-charging of battery. Protection against deep discharge of batteries shall be incorporated.

(b) The UPS shall have an arrangement for on-line battery testing periodically and alert messages display /indications should be generated in case of any abnormality in the battery bank parameters.

The scope of the work involves following activities.

1. The Vendor shall supply , install and configure two 20 KVA UPS in parallel mode with total backup 1 hour (50% load ) incase of power failure and the solution should support generator backup power.

a. The contract shall include all components including all the parts and electricals works. Materials, if required for the installation of the above UPS, have to be supplied by the vendor at free of cost.

b. The work involves removing the existing batteries and installing the new batteries. Take away empty boxes of batteries and old batteries ,old rack on quoted rates.

**c. Contractor should visit the site before submission of the tender and verify the dimensions of the existing area/panel and ascertain the suitability for installation of the proposed work to be offered by them. Before quoting the rates, the bidder should inspect the site and get acquainted with work.**

d. Quarterly preventive maintenance of equipment to ensure safety of the Client site and provide smooth operation of the equipment installed.

e. The support engineer should be well trained customer support engineer in all respects i.e. well mannered, technically sound and having vast knowledge in the field. The bidder should have at least one qualified service engineer to attend any service call immediately or within 4 hours from the time of the reporting the problem. Name and contact details of the customer support engineer along with a call matrix to be provided.

### 2. MAINTENANCE

The vendor shall provide support 24 x 7 to keep the systems in good working order. Complete Technical support for the equipment installed at IGIDR Campus by themselves or through OEM to resolve issues at IGIDR.

**BILL OF MATERIALS :**

Sl. No.	Name of Item	Unit	Qty.	Make & Model
1	20 KVA UPS in parallel mode (3 phase input and single phase out) Preferred Brand : <b>Vertiv/APC/Eaton</b>	Nos.	02	Bidder to specify
2	12V SMF Battery along with independent battery Rack to provide minimum 1 hour total backup (30 minutes for each ups at 50% load) Preferred Brand : <b>Exide/Amaron Quanta/Rocket</b>	Nos.	Bidder to specify	Bidder to specify
3	Any other items required for installation, configuration and integration of the system	lump sum		
4	Buyback of existing two no's of 20 KVA Model Emerson S420 (parallel kit)	Nos.	2	-
5	Buy back of existing 52 no's of 42AH batteries with 2 no's of battery rack	Nos.	52	

**TECHNICAL SPECIFICATION FOR 20 KVA ONLINE UPS in Parallel mode**

Sl No.	Parameters	Specification	Vendor's compliance Yes/No
1	<b>TECHNOLOGY</b>	Should be digitally controlled, IGBT based double conversion On-line <b>VFI</b> according to IEC62040-3 specification, Inverter and Rectifier both should be IGBT based.	
2	<b>Input</b>		
	Rated voltage	400 VAC three-phase + N	
	Voltage Range	-25% +20% at full load	
	Frequency Range	45 to 60 Hz	
	THDi	<5%	
	Power Factor	> 0.95	

3	<b>By Pass (Static &amp; Manual both)</b>		
	Rated Voltage	230 VAC single-phase	
	Permitted voltage range	± 15% (should be selectable from ± 10% to ± 20% from front panel)	
	Rated Frequency	50 Hz	
	Permitted Frequency Range	± 2% (should be selectable from ± 1% to ± 5% from front panel)	
4	<b>Batteries</b>		
	Type	12V Sealed Maintenance Free Lead Acid	
	Backup Time	Total 60 Mins. at 50% load condition	
	Battery Make	<b>Amaron Quanta/Exide Power Safe/Rocket</b>	
	Recharge Time	4-6 Hrs.	
5	<b>Output</b>		
	Rated Voltage	230 VAC, Single-phase	
	Voltage regulation	Not more than +/- 1%	
	Power Factor	0.9 or above	
	VTHD	< 2% for Linear & <3% for Non-Linear load	
	Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3 : 1	

	Waveform	Sinewave	
	Frequency	50 Hz	
	Frequency stability with the Inverter in Synchronisation with the bypass supply	± 2% (should be configurable via the control panel ±1-5%)	
	Frequency stability with the Inverter out of Synchronization with the bypass supply	± 0.05%	
	Overload	110% for 1 Hr., 125% for 10 mins., 150% for 1 min.	
	Efficiency	Should be > 92% at full load	
6	<b>Protection</b>		
	Back feed protection	The back feed protection should be installed in series with bypass SCRs.	
	Normal Protection required	Input, output, rectifier input, battery fuse, bypass fuse, short circuit etc. Thermal on system, rectifier, bypass and inverter. Protection against prolonged battery discharge	

7	<b>Environmental Conditions</b>		
	Operating temp. for UPS	0 – 40° C	
	Relative humidity	<95% non condensing	
	Noise	<65dBA at 1 m	
8	<b>Mechanical Data</b>		
	Protection Degree of the cabinet	IP 20	
	Cable input	Must be Bottom entry	
9	<b>Display &amp; Software</b>		
	Minimum list of the information should be appear on the LCD Display & LED Lights Provisions	<ul style="list-style-type: none"> <li>● Rating of the UPS,</li> <li>● Input Phase voltage, line voltage and input frequency,</li> <li>● Output voltage, load percentage, apparent power, active power and output frequency.</li> <li>● Battery voltage, charge or discharge current, working mode &amp; internal Temp.</li> <li>● Turn ON and OFF UPS, delete fault record</li> <li>● Output voltage and frequency setup, battery setup, change password setup, recovery to default setup, LCD Displays time setup, UPS auto start setup, UPS auto shutdown setup, Buzzer setup, language setup.</li> </ul>	

		<ul style="list-style-type: none"> <li>● there should be provision for LED Light indicators e.g. Fault indicator, Bypass Indicator, inverter indicator, battery indicator, input power indicator etc.</li> </ul>	
	Communication & Software	RS232 & RS485 interface communication port	
		Advanced, Multi-platform Communication, for all standard operating systems and network environments; shutdown & monitoring software	
		There should be provision to install SNMP hardware in future for remote diagnostics	

10	<b>Other mandatory features:</b>		
	Reliability	The total system (Charger & Inverter section) should be controlled by redundant microprocessor system. If a fault occurred to either of the microprocessors, the power supply to the protected load should not be interrupted.	
		UPS must not be based on a single Power PCB with Inverter, Charger or Rectifier on the same PCB. (so that in case any one of these fails then the entire UPS system becomes non functional and repeated failures does not render the PCB un-repairable). Undertaking stating that neither Charger, Rectifier or Inverter sections will be located on a single PCB must be provided by the bidder.	
	Mimic Display	Mimic diagrams should be provided to know the status of the rectifier, inverter, battery and output.	
	Self Diagnostics	The system should provide “EVENT RECORDING” facility. The system can be able to store last 20 events i.e. input voltage variation or out of tolerance, operating conditions of the system at any time, it should include the cause of the fault and should be able to display the name of the faulty area in terms of rectifier fault, inverter fault, battery contactor fault etc. through code. All events should be readable from front panel LCD/LED of the system and also from PC/Laptop through the RS 232 communication interface port.	
Input Phase Reversal	In the event of any phase reversal in the input power source, the system should neither trip nor go to battery discharge mode. It should works on		

		mains but with fault alarm indicating input phase reversal.	
	Dual Input Support	The UPS should support dual input, that means the mains input and bypass input can be separated power supplies	
	Auto restart facility	The UPS should configure to automatically restart after a mains supply failure or after the batteries have become fully discharged	

	EPO (Emergency Power Off)	In the event of an emergency the UPS should be completely shutdown by pressing single bottom / command	
	<b>International Standards &amp; Certifications:</b>		
11	Safety & EMC Standards	Should comply EN62040-1 & EN62040-2 (Copy must be attached)	
	Certification	The OEM should have ISO 9001:2008; ISO 14001:2004; ISO 50001:2011 & OHSAS 18001:2007 certification (Copy must be attached)	
12	Accessories	All accessories like wire, switches etc which are required for the installation of UPS are to be provided by the vendor.	
13	Warranty	<b>UPS: 5 years comprehensive onsite warranty and Batteries: 3 years</b>	



**SECTION-‘G’**

**Financial BID**

**(To be submitted on company/Firms Letterhead)**

NIT No: IGIDR/Tender/2020-21/CC/04

<b>Sl. No.</b>	<b>Name of Item</b>	<b>Unit Price</b>	<b>Qty.</b>	<b>GST</b>	<b>Total with tax</b>
1	20 KVA UPS in parallel mode Model:	Nos.	02		
2	12V SMF Battery along with independent battery Rack to provide 1 hour total backup (50% load) Model & Capacity	Nos.	Bidder to specify		
3	Any other items required for installation, configuration and integration of the system	lump sum	1		
4	Less Buyback of existing two no's of 20 KVA Model Emerson S420 (parallel kit)	Nos.	2		
5	Less Buyback of existing 52 No's of 42AH batteries with 2 No's of battery rack	Nos.	52		
				<b>Total Price</b>	

**Total quoted Amount in words :**

Date:

Sign & Stamp

**Annexure - A**

**FORMAT OF UNDERTAKING, TO BE FURNISHED ON COMPANY LETTER HEAD WITH REGARD TO BLACKLISTING/ NON- DEBARMENT, BY ORGANISATION UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT**

To,  
The Registrar  
Indira Gandhi Institute of Development Research  
Film City Road, Santosh Nagar,  
Goregaon (East),  
Mumbai – 400 065.

We hereby confirm and declare that we, M/s -----, is not blacklisted/ De-registered/ debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last 5 years.

For M/s \_\_\_\_\_

Authorized Signatory

Date:

## Annexure - B

### **FORMAT FOR PERFORMANCE BANK GUARANTEE (PBG)**

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred)  
(TO BE ESTABLISHED THROUGH ANY OF THE NATIONALISED COMMERCIAL BANKS (WHETHER SITUATED AT Mumbai OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT Mumbai)

To, The Registrar, Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065

LETTER OF GUARANTEE

WHEREAS for Indira Gandhi Institute of Development Research(IGIDR), Goregaon East, Mumbai-400065 (Buyer) has invited tender vide Tender NIT ...

**dated .....**, for procurement of "Internet Leased Line Connectivity " Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065

AND WHEREAS the said tender document requires that eligible successful bidder (seller)..... wishing to supply the Item(s) etc. in response thereto shall establish an irrevocable Performance Bank Guarantee in favour of Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065 " in the form of Bank Guarantee for Rs ..... (10% of the contract value) and the Performance Bank Guarantee shall remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the seller, including warranty and AMC obligations from the date of issue of Performance Bank Guarantee and the eligible successful bidder (the seller) shall submit the same within 15 (Fifteen) days from the date of Award of Contract. NOW THIS BANK HEREBY GUARANTEES that in the event of the said bidder (seller) fails to abide by any of the conditions referred to in tender document / Award of Contract / performance of the equipment / machinery, etc. this Bank shall pay to Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065 on demand and without protest or demur Rs .....(Rupees. ).

This Bank further agrees that the decision of IGIDR (Buyer) as to whether the said bidder (Seller) has committed a breach of any of the conditions referred in tender document / Award of Contract shall be final and binding. We, ..... (name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the bidder (Seller) and/ IGIDR (Buyer).

Notwithstanding anything contained herein: 1. Our liability under this Bank Guarantee shall not exceed Rs. ....(Indian Rupees only). 2. This Bank Guarantee shall be valid up to ..... (date) and 3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if IGIDR serve upon us a written claim or demand on or before.....(date). This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at ..... situated at..... (Address of local branch).

Yours

truly,  
Signature and seal of the guarantor:  
Name of Bank:  
Address