



F.N.:E-III-PRDOPRCT(UPS)/1/2023-E-III

Dated : **7th March, 2023**

Tender Notice

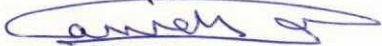
Subject : **Invitation of Tender Document for Renting of 1No. of 30kVA/30kW 3-phase Input/3-Phase Output with 60 minutes backup (battery type-SMF 12V cells) for the use of DGCIS, Kolkata.**

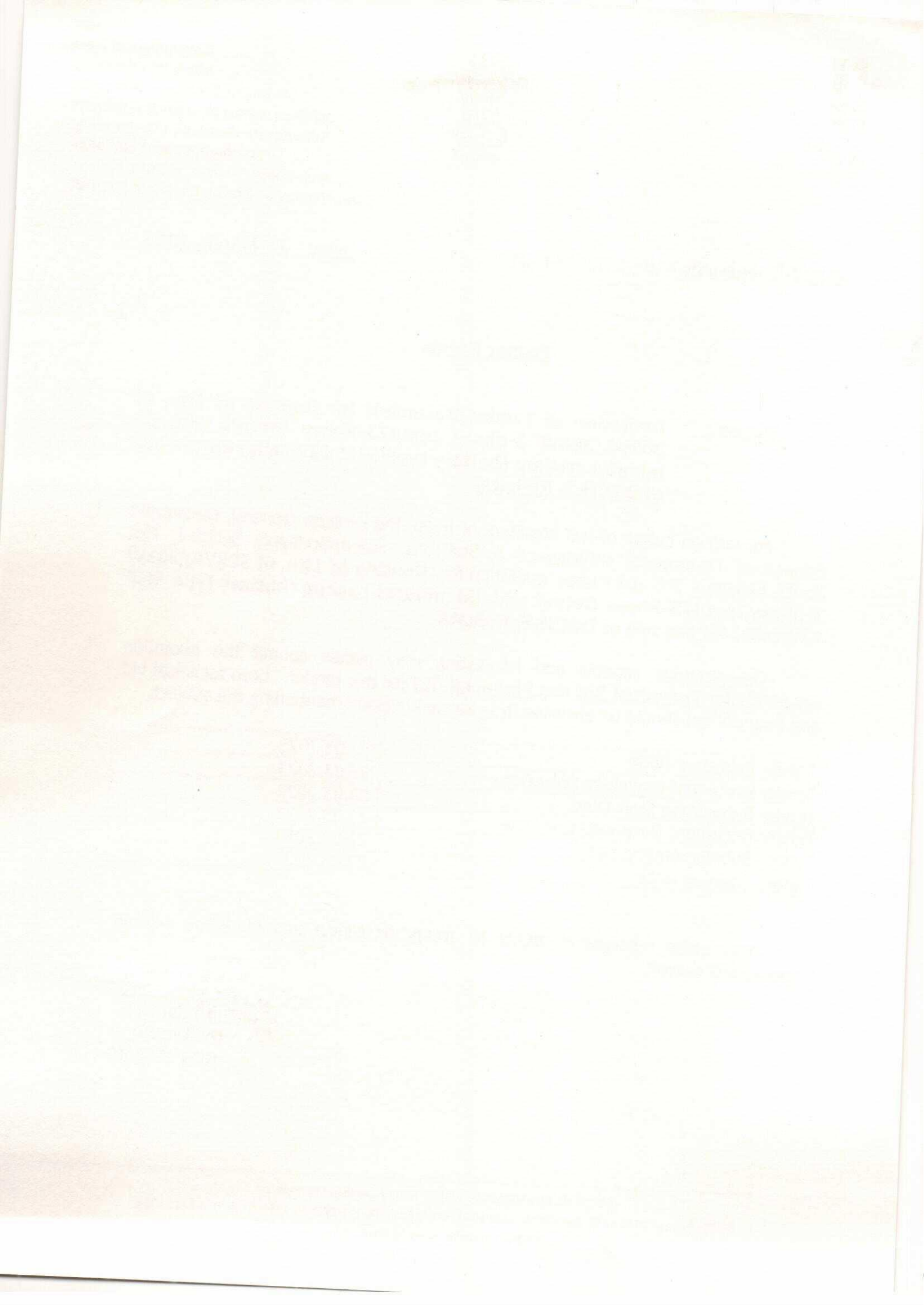
For and on behalf of the President of India, the Director General, Directorate General of Commercial Intelligence & Statistics, 565-Anandapur, Sector-I, Plot No.22, Kolkata – 700 107 invites quotation for "**Renting of 1No. of 30kVA/30kW 3-phase Input/3-Phase Output with 60 minutes backup (battery type-SMF 12V cells) for the use of DGCIS, Kolkata**"

Organizations capable and interested, may please submit the quotation separately for **Technical Bid** and **Financial Bid** for this tender. Both technical bid and financial bid should be enclosed in separate envelope mentioning the subject.

Tender Published Date	07.03.2023
Tender Document Download Start Date	07.03.2023
Tender Submission Start Date	08.03.2023
Tender Document Download End Date	22.03.2023
Tender Submission End Date	22.03.2023
Tender Opening Date	23.03.2023

This office reserves all rights to accept or cancel any quotation without showing any reason.


(Manish Kumar)
Dy. Director &
Head of Office



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
DIRECTORATE GENERAL OF COMMERCIAL INTELLIGENCE & STATISTICS
565, ANANDAPUR, SECTOR-I, PLOT NO.22, WARD NO.108
KOLKATA-700 107

TENDER DOCUMENT
FOR
RENTING OF 1 NO. 30KVA/30KW
3-PHASE INPUT/3-PHASE OUTPUT
WITH 60 MINUTES BACKUP
(BATTERY TYPE-SMF 12V CELLS)
THE USE OF DGCIS, KOLKATA

SCOPE OF WORK:

Renting of 1No. of 30kVA/30kW 3-phase Input/3-Phase Output with 60 minutes backup (battery type-SMF 12V cells) for the use of DGCI&S, Kolkata.

Specification of the UPS System is enclosed under Annexure-III.

GENERAL TERMS AND CONDITIONS:

1. It is highly desirable that the vendor may visit this Directorate before going for the bidding process in order to understand the scope of the work.
2. The contracting Company/Firm/Agency shall not be allowed to transfer, assign, pledge or sub-contract its rights and liabilities under this contract to any other agency without the prior written consent of this Director.
3. The bidder having a registered office in West Bengal should be preferred.
4. The bidder shall attach copy of PAN Card.
5. The bidder shall attach copy of GST Registration.
6. The rates mentioned in the financial bid shall be inclusive of all taxes and duties and any other taxes as applicable. Any variation in the above said taxes till the completion of service will also be in the bidder's account.
7. The period of contract will be valid for 4(Four) months which may be extended for further one month with the consent of both the parties. However, the contract may be terminated before 4 months based on situation at that very time.
8. No tools shall be supplied by this Directorate.
9. All call on malfunction report of UPS as provided invent must be attended by the firm within 3 hours. Contact details may be provided after awarding of the contract.
10. In case of any dispute in the contract, the decision of the Head of Department, Directorate General of Commercial Intelligence and Statistics, shall be final and binding on you.
11. Payment will be on monthly basis and will commence after successful installation of UPS at client side. Month will be considered starting from the successful installation of UPS.

ADDITIONAL CONDITIONS/REQUIREMENTS

1. The Tender will be accepted by the Competent Authority in DGCI&S as per the rules/instructions issued by the Government of India from time to time in the matter.
2. The Directorate reserves the right to reject any or all Tenders/extend the date of opening of tender etc. without assigning any reasons thereof.
3. In addition to its right to determine the contract upon fault of the Successful Bidder, the Directorate reserves the right to cancel the contract without assigning any reasons and also reserves the right either to pay or not to pay the Successful Bidder for either part of the contract work or whole of the contract work executed, if they are not according to the Directorate's specification and complete satisfaction.
4. Furnishing fake information on all or any requisite documents may lead to rejection of the quotation/application.

LEGAL

1. The successful Company/Firm/Agency shall maintain al statutory register under the Law. The agency shall produce the same on demand to the concerned authority of this Directorate or any other authority under the law.
2. The Tax Deduction at Source (TDS) shall be deducted as per the provision of Income Tax Department, as amended from time to time and a certificate to this effect shall be provided to the agency by this Directorate.
3. In case of breach of any terms and conditions attached to this contract, this Directorate reserves right to terminate the contract without assigning any reasons.

(ANNEXURE-I)

SUBMISSION OF TECHNICAL BID

1. Name of Bidding Agency:
2. Contact Address:
3. Contact No./Details:
 - a. Mobile No.:
 - b. E-mail ID.:
4. PAN (Attached attested copy):
5. G.S.T. Registration No. (Attach attested copy):
6. Registered in West Bengal (Attach attested copy):
7. Non-Blacklisted Certificate (Attach Self attested copy)
8. Additional Information, if any

Date:

Place:

(Signature & Seal of Bidding Agency)

(ANNEXURE-II)

FINANCIAL BID SPECIFICATIONS

Sl. No.	Particulars	Price (in rupees)	GST as applicable (in rupees)	Total Price with GST
1	Renting of 1No. of 30kVA/30kW 3-phase Input/3-Phase Output with 60 minutes backup (battery type-SMF 12V cells) for the use of this Directorate			

- **In Financial Bid Specification, per day renting charge and monthly renting charge after any discount may be mentioned.**

Tender Document, Submission of Technical Bid, Financial Bid Specification (Annexure-I, II) (Given format to be adopted/used by the bidder) must be duly signed and stamped on every page.

Date:

Place:

(Signature & Seal of Bidding Agency)

DECLARATION

I, Son/Daughter/Wife of
....., Proprietor/Director/Authorized signatory of the
Company/Firm/Agency, mentioned above, is competent to sign this
declaration and execute this tender document.

I have carefully read and understood all the terms and conditions of
the tender and undertake to abide by them.

The information/documents furnished along with the above
application are true and authentic to the best of my knowledge and
belief. I/we am/are well aware of the fact that furnishing of any false
information/fabricated document would lead to rejection of my tender
at any stage besides liabilities towards prosecution under appropriate law.

Signature of authorized Person

Name:

Seal:

Date:

Place:

**30 KVA/KW 3-PHASE INPUT/3-PHASE OUTPUT WITH 60 MINUTES
BACKUP (BATTERY TYPE-SMF 12V CELLS)**

TECHNICAL SPECIFICATION		
S.N.	SPECIFICATION	REQUIREMENT
1	Capacity (in kVA/kW)	30 kVA/kW 3-Phase Input/3-Phase Output with 60 minutes backup (battery type-SMF 12V cells)
2	Technology and Capability	<ul style="list-style-type: none"> a) True Online configuration with double conversion UPS. b) DSP based technology with reduction in electronic components. c) Fully rated power (kVA=kW) for maximum power availability. d) Possibility of enhancing UPS Capacity/redundancy by operating UPS in N+X Parallel Redundant Configuration(PRS). e) Capability of Independent or Common battery bank operation of the UPS when operated in PRS. f) UPS should be designed at Rated PF of 1. g) Dual Input design. h) UPS should have IGBT topology for both PFC (power factor correction) and inverter. i) Inbuilt casters for easy movement & maintenance. j) Energy recycle mode. k) Hot standby Redundancy function.
3	Input Voltage Range	220/380V, 232/400V, 240/415V (3 ϕ 4w) Range (Full Load) 305~478VAC Range (Derating to 70% Load) 228~478VAC
4	Nominal Input Frequency	50/60 Hz
5	Input Frequency Range	40 to 70 Hz
6	Input Power Factor	>0.99 (Full Load)
7	Nominal Output voltage	220/380V, 230/400V, 240/415V (304W)
8	Output Voltage Regulation	$\pm 1\%$
9	Nominal Output Frequency	50/60 Hz
10	Output Frequency Regulation	± 0.05 Hz
11	Output Frequency Slew Rate	<1Hz/sec
12	Output Wave Form	Pure sine wave
13	Output Voltage Distortion (THDu)	<1.5% (linear load)
14	Crest Factor	3:1
15	Transient Response: For load regulation from 0% to 100% steplinear load	<+5%
16	Transient Response Recovery time	Recovery to 3% is less than 20ms
17	Transfer Time (Mode of operation)	Zero ms from Mains mode to Battery Mode Zero ms from Battery mode to main mode
18	Transfer Time (UPS to Bypass/Bypass to UPS)	<1ms
19	Overall Efficiency (AC to AC) - Online (Double Conversion)	>96%
20	Overall Efficiency (AC to AC) - ECO Mode (Bypass feeding the load under normal conditions)	Upto 99%

21	Inverter Overload capacity	≤105%: continuous, 106%~≤110%:60 minutes; 111%~≤125%:10 minute; 126%~≤150%:1 min; >150%:1 second
22	Fault Indications (On Color touch screen display)	Main Input Sequence Fault, Power Module General Fault, Battery Ground Fault, Bypass Static Switch Fault, Parallel Fault, System General Fault, Provide Bypass O/P Even If UPS Fault.
23	Backup Required	60 Minute Backup
24	Battery Bank Vah (Vendor to include battery sizing calculation with tender)	Min VAH 47990 or higher
25	Battery Type	Sealed Maintenance Free (SMF)-12V Cells
26	Battery Makes	Amara Raja/Exide/HBL/Amco/Rocket
27	Inbuilt charge	Minimum 13A
28	Operating Temperature	0°C~40°C
29	Storage Temperature	-25°C~70°C
30	Operating Altitude	0 to 1000m
31	Noise Level	<56dB at 1 Meter
32	Manufacturer	QMS: As per ISO 9001:2008 EMS:As per ISO 14001:2004 OSHAS: As per ISO 18001:2007 ISO & OHSAS for Indian Operation of OEM only. Factory calibration lab of manufacturer shall be NABL accredited in India
33	Product Safety Certifications (Mandatory)	ESD:IEC61000-4-2:level 4 RS:IEC61000-4-3:level 3 EFT:IEC61000-4-4:level 4 SURGE:IEC61000-4-5: level 4 CS:IE61000-4-6:level 3 IEC 61000-2-2 EN 62040-2 C2 EN61000-3-2 IEC/EN 62040-1 IEC 62040-3
34	ROHS Compliance	NEBS GR-63-CORE Zone 4 Earthquake Level Qualification UPS should be ROHS compliance