



सत्यमेव जयते



सोचशित्तमं सारथिभ्या  
Dedicated to Truth in Public Interest

**OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT - I),  
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TENDER REF NO: PAG(Au-I)/EDP/2021-22/104

**NOTICE INVITINGTENDER**

**TENDER NOTICE FOR PURCHASE OF 30 KVA - 3 PHASE IN 3 PHASE OUT -ONLINE  
UPS FOR THE OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT-I),  
CHENNNAI 600018.**

Tender are invited from reputed / authorized firms / companies engaged in the business of supply of Online UPS. Requirement, Scope of Work, Terms and Conditions, Eligibility criteria have been clarified in this document. Tender document is available on the website of OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT - I) i.e. <https://cag.gov.in/ag1/tamil-nadu/en/tenders>. However, for any clarification, bidders may contact on [abdulm.tmn.sca@cag.gov.in](mailto:abdulm.tmn.sca@cag.gov.in). Bidders are advised to read tender document (uploaded on website) and check their eligibility before participating in the bid.

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### **TENDER SCHEDULE**

Name of the Work	TENDER NOTICE FOR PURCHASE OF 30 KVA - 3 PHASE IN 3 PHASE OUT - ONLINE UPS FOR THE OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT-I), CHENNNAI 600018.
Document Download Start date:	28/01/2022 10:00 AM
Document Download End date:	04/02/2022 05:45 PM
Clarification Start date:	28/01/2022 10:00 AM
Clarification End date:	04/02/2022 02:30 PM
Bid submission Start date:	28/01/2022 10:00 AM
Bid submission End date:	04/02/2022 05:45 PM
Bid opening date:	07/02/2022 10:00 AM
Earnest Money Deposit (EMD)	Refer Paragraph on 'Earnest Money Deposit' at Page 05 of this document

## **INSTRUCTIONS TO BIDDERS FOR SUBMISSION OF BIDS**

1. Tenders are invited from reputed / authorized firms / companies engaged in the business of supply of Online UPS. The bids are to be submitted in separate sealed envelopes on or before the bid closing date. Detailed information regarding the items, application / tender forms, EMD details, specifications, terms and conditions can be downloaded from the following website: <https://cag.gov.in/ag1/tamil-nadu/en/tenders>
2. The interested bidders shall submit their tender(s) in two sealed covers physically as follows:
  - Cover 1: Name of the Cover- '**TECHNICAL BID**', addressed to the Deputy Accountant General/Admn., O/o the Principal Accountant General (Audit-I), Lekha Pariksha Bhavan, 361, Anna Salai, Teynampet, Chennai – 600018. This cover is to contain (i) the specification document provided by the equipment manufacturer, (ii) Annexure –I, (iii) Annexure –II and (iv) Annexure –IV duly filled in along with supporting documents wherever mentioned.
  - Cover 2: Name of the Cover- '**FINANCIAL BID**', addressed to the Deputy Accountant General/Admn., O/o the Principal Accountant General (Audit-I), Lekha Pariksha Bhavan, 361, Anna Salai, Teynampet, Chennai – 600018. This cover is to contain Annexure –III
3. The bidders shall submit all the documents as per Eligibility criteria for Bidders.
4. Any corrigendum to this tender will be notified through the aforesaid website only. The undersigned reserves the right to accept or reject any or all the bids without assigning any reason at any stage.
5. The Bidder is expected to examine all instructions, eligibility criteria, forms, terms and conditions in the tender document. Failure to furnish complete information as required with reference to the tender document shall result in rejection of the bid.
6. Any attempt to negotiate directly or indirectly on the part of the Bidder with authority competent to finally accept the Tender or influence the acceptance of the tender by any means will result his tender excluded from consideration.

7. Conditional tender, illegible and ambiguous tender, partially filled tender, incomplete tender and tender without enclosing required documents will be summarily rejected.
8. This office reserves the right to accept or reject any bid without assigning any reason at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the affected bidder or bidders of the grounds for this Office's action.
9. The bidder, at the bidder's own responsibility and risk, may visit at their own cost and examine the site of required services and its surroundings and obtain all necessary information for preparing and submitting the bid.
10. Clarification regarding any ambiguity in eligibility criteria may be sought through e-mail at [abdulm.tmn.sca@cag.gov.in](mailto:abdulm.tmn.sca@cag.gov.in)

#### **EARNEST MONEY DEPOSIT (EMD)**

1. Bidders have to submit two per cent of the estimated value of the goods quoted by the bidder in the form of Demand Draft/ Banker's Cheque/Bank Guarantee from any of the commercial banks.
2. Bidders who claim exemption under the Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by the Department of Micro, Small or Medium Enterprises or are registered with Central Purchase Organisation should furnish a certificate to the effect indicating the validity period.
3. Bids received without EMD or exemption mentioned in Sl. No 02 above will not be considered and summarily rejected.
4. EMD of the unsuccessful bidders will be returned on or before the 30<sup>th</sup> day after the award of the contract.

#### **SCOPE OF WORK**

The scope of work shall include the demonstration, inspection and testing, supply, complete installation and commissioning of the following Online UPS.

## PRODUCT REQUIREMENT

The Product should from a reputed brand and meet the following general specifications.

- Accept Three Phase Input and provide a Three Phase Output
- Have an inbuilt isolation transformer
- Possess an IGBT based charger
- Accept Dual Mains Input

The detailed technical specifications of the UPS is given below

INPUT	
Rated AC Voltage	400 V/415 V AC (3Ph+N+PE)
Voltage Range	290V~480V AC +/- 5V
Frequency Range	50/60 Hz +/- 10% Auto Sensing
Power Factor	0.99
BYPASS	
Rated Voltage	400 V/415 V AC (3Ph+N+PE)
Voltage Range	+20%, -30% (configurable)
Frequency Range	50/60 Hz +/- 10% (configurable)
BATTERY	
Battery Voltage	384 V DC Standard (348-384 Configurable)
Ripple	1%
Charging Current Max	0.10C to 0.25C upto 100~300Ah at 100% load
OUTPUT	
Rated Voltage	400 V/415 V AC (3Ph+N)
Frequency Range	Auto sensing 50/60 Hz +/- 1~10% Sync Mode, 50/60 Hz +/- 0.1 Hz Battery Mode
Voltage Regulation	+/- 1%
Harmonic Distortion (THDv)	1% Linear Load, 5% Non-Linear Load
Crest Factor/Transfer Time	3:1/Zero
Efficiency	Upto 95% Dual Conversion Mode, 99% ECO Mode
Overload	125% for 10 Mins, 150% for 1 Min, 150% for 300 ms
SYSTEM FEATURES	
Display	LCD+LED
IP Rating	IP 20
Alarm/ Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC Bus Under/Over Voltage and Battery Low
STANDARDS	
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, RoHS
Safety	IEC/EN62040-1
EMC/Performance	IEC/EN62040-2, IEC/EN62040-3, Complying to CE

## **TERMS AND CONDITIONS**

1. The cost of the product (**A**) quoted should be inclusive of all taxes.
2. The product should be functionally compatible with the 30 numbers of 12V/65 AH Exide PowerSafe batteries already available in the site.
3. In the event that the Product offered matches the tender specifications in all other aspects but carries a minimum battery requirement specification exceeding the number of batteries available with this Office i.e. 30 Nos, then
  - a. Additional batteries needed to meet the minimum product requirement may be quoted along with the cost incl. of all taxes.
  - b. The batteries so quoted are to be of the same brand and model as the existing batteries.
  - c. The cost of the batteries (**B**) so quoted will be considered for arriving at the least bidder (L1).
  - d. Steel mounts to place the additional batteries one above the other at an elevation of about 0.5 feet above ground level is to be supplied.
4. The Online UPS should carry Manufacturer warranty for a minimum period of two years.
5. The supplier should furnish an undertaking to provide Comprehensive Annual Maintenance Contract for a minimum period of three years following the expiry of manufacturer's warranty.
6. The year-wise cost of the Annual Maintenance Contract for three years may be quoted. This cost will not be taken into consideration for arriving at the least bidder (L1). However, in case of tie between two bidders, the cost of providing Annual Maintenance Contract will be considered for arriving at the successful bidder.
7. A quote to buyback the 'CONSUL MegaLine' 30 KVA online UPS available with the buyer, is to be provided(**C**).
8. Bidders may visit the premises of the buyer to evaluate the aforesaid online UPS and ascertain the electrical wiring setup and the 30 nos. of batteries already in place before submitting their quote. For this purpose, the premises may be visited during office hours (09:15 am to 05:45 pm) on all working days with prior intimation. The intimation may be conveyed over phone (044-24316445/447)
9. The final cost quoted for the product (**A+B-C**) is inclusive of transportation of the new product, installation of the product bringing it to full functionality and removal of the existing online UPS i.e. CONSUL MegaLine 30 KVA.
10. In case of disputes, if any, arising under the said process shall be subject to the exclusive jurisdiction of courts at Chennai. Any disputes arising after the signing of the agreement shall

be resolved in the manner as mentioned in such agreement.

11. The bidder/bidders will be bound by the details furnished by him/her/them to this office while submitting the tender or at subsequent stage. In case, any of such documents furnished is found to be false at any stage, it would be deemed to be a breach of terms of contract making him/her/them liable for legal action besides termination of contract.

**I/we hereby agree to the above terms and conditions of the tender**

Signature of the Authorised Signatory  
(with Date and Seal of the Firm participating in the tender)



## **ELIGIBILITY CONDITIONS**

1. The bidder must have their office /branch located in Chennai , Address Proof for the office / branch is to be submitted with the tender documents
2. Minimum three years' experience in the business of supply of Online UPS. The bidder shall fill in the required details in Annexure- I
3. Certificate in support of experience of having supplied and maintained Online UPS along with a list of organizations to which the bidder has supplied and is currently providing/has provided AMC . The bidder shall fill in the required details in Annexure- II
4. The tenderers shall have a valid PAN & GST number. The copy of the PAN & GST number should be enclosed with the TENDER form.
5. The bidder shall fill in the required details as per Annexure- I and enclose the supporting documents. Tenders with incomplete/ ambiguous details/ documents shall be rejected.
6. Bidders should quote unit price in the prescribed Performa (as per Annexure-III). Rates should be inclusive of all taxes including delivery / service at the site and installation. Incomplete bids will summarily be rejected
7. Price quoted shall be firm and any variation in rates, prices or terms during the validity of the offer shall not be permitted.
8. The rates shall be quoted in figures as well as in words. In case of any discrepancy between the rate quoted and the amount worked out, the rate quoted words shall be taken as correct.

Sd/-

Deputy Accountant General/Administration.  
O/o the Principal Accountant General (Audit-I),  
TamilNadu, Chennai 18.

Encl:

1. Details of Firm (Annexure-I)
2. List of projects/clients (Annexure-II)
3. Financial Bid Document (Annexure-III)
4. EMD Declaration (Annexure IV)

## **ANNEXURE – I**

01	Name of the Registered Firm / Company	
02	Address of the company (with Tel No., Fax & E-mail)	
03	Status of ownership (Proprietary/Partnership/Company) attach proof of Local office	
04	Name & Address of the Partners / Directors : (With Mobile No.)	
05	Contact Person(s) (with mobile number)	
06	Date of establishment of the firm	
07	PAN No. (Copy of PAN to be Enclosed) :	
08	Goods and Service Tax Registration No. (Copy of GST to be Enclosed)	

### DECLARATION

I/we hereby certify that the information furnished above is full and correct to the best of my / our knowledge. I/we understand that in case any deviation is found in the above statement at any stage, the company/firm will be blacklisted and will not have any dealing with the Department in future.

DATE:  
PLACE:

SIGNATURE OF THE AUTHORISED PERSON  
FULL NAME:  
OFFICE SEAL

## **ANNEXURE – II**

(To be submitted with technical bid)

### **Details of online UPS above 20 KVA supplied to Organisations in Chennai**

	Name and Address of the organization, Name, Designation and Telephone / Fax No. of the officer concerned	Value of Supply (Rs.)	Duration of the Contract (In cases where AMC was provided)	
			From	To
1.				
2.				
3.				
4.				
5.				

Signature of the Tenderer or  
Authorized signatory of the Tenderer  
with seal of the Firm/Agency.

Date:

Full Name:

Place:

Seal:

## Annexure-III

### FINANCIAL BID DOCUMENT

1	Name of the bidder (firm)	
2	Name of the representative	
3	Address of the bidder	
4	Land line Nos. of the bidder	
5	Mobile Nos. of the bidder	
6	Email of the bidder	

#### 7. Bid details:

S.No.	Description	Unit Price	Units quoted	Total price excl. GST	% GST	Total Cost Incl. GST
1.	30 KVA Online UPS (A)					
2.	65 AH Batteries (B)					
3.	Buyback (CONSUL Megaline 30 KVA) (C)		01	-	-	
Total (A+B-C) (Including all taxes)						

1. Cost of Annual Maintenance Contract for year one :
2. Cost of Annual Maintenance Contract for year two :
3. Cost of Annual Maintenance Contract for year three:

Place:  
Date:

(Signature of Proprietor/Partner/Chief Executive)  
Name (In Capital Letter) :  
OFFICE SEAL

## **Annexure-IV**

### **EMD DECLARATION**

I/We hereby accept that if I/We withdraw or modify the bids during the period of validity, or if I/We are awarded the contract and I/We fail to sign the contract or to submit a performance security before the deadline defined in the request for proposals (RFP) document, I/We will be suspended for a period of six months from being eligible to submit Bids/Proposals for contracts with the Office of the Principal Accountant General (Audit-I), Chennai 18.

Signature (Authorized Signatory)

Name in Capital letters:

OFFICE SEAL:

Place:

Date: