



Bid Number: GEM/2022/B/2291071

Dated: 24-06-2022

Bid Document

Bid Details	
Bid End Date/Time	11-07-2022 15:00:00
Bid Opening Date/Time	11-07-2022 15:30:00
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Civil Aviation
Department Name	Airports Authority Of India (aai)
Organisation Name	Airports Authority Of India
Office Name	Airports Authority Of India Chennai Airport
Total Quantity	4
Item Category	30KVA online UPS
BOQ Title	Replacement of UPS for PAVA System at T1 and T4 Terminals
Minimum Average Annual Turnover of the bidder (For 3 Years)	13 Lakh (s)
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Turnover	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria, Past Performance, Bidder Turnover, OEM Authorization Certificate, Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	50 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	5 Days
Estimated Bid Value	4338667
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	ICICI
EMD Percentage(%)	2.00
EMD Amount	86773

Draft Bid Doc approved
24/06/22

पी. रवि / P. RAVI

वरिष्ठ प्रबंधक (एस) - Sr. Manager (AS)

भा.वि.प्रा. चेन्नई हवाई अड्डा, चेन्नई - 600016

AAI, Chennai Airport, Chennai - 600016

ePBG Detail

Advisory Bank	ICICI
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	39

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

AIRPORT DIRECTOR

Airports Authority Of India Chennai Airport, Airports Authority of India (AAI), Airports Authority of India, Ministry of Civil Aviation
(Airport Director)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

4. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the

Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

30KVA Online UPS

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	P Mani	600016,Operational Offices, Airports Authority of India, Chennai International Airport,	4	60

Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

3. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

4. Generic

End User Certificate: Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.

5. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

6. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

7. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

8. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the

bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

GENERAL TERMS & CONDITIONS

Name of Work: Replacement of UPS for PAVA System at T1 and T4 Terminals.

S.NO.	Description	Compliance YES/NO
1.	Documents to be submitted along with technical bid,(PQ)	
a.	Certification of work completed in last seven years ending on 31st march 2022 with performance certificate., one work of at least 35% of estimated bid value* or two works at least of 20% of estimated bid value* or three works at least of 15% of estimated bid value*.	
b.	Certified copy issued from Chartered Accountant for certifying financial turnover (30% of the total work value) for the last THREE YEARS and Abridged Balance Sheets along with Profit & Loss Account.	
c.	GST registration certificate	
d.	Company /Firm registration	
e.	Undertaking regarding non debarment in attached Format. (Annexure-A)	
f.	Unconditional Acceptance letter.(Annexure –B)	
g.	Original Equipment Manufacturer (OEM) or Authorization Declaration (Annexure-C) for UPS	
h.	Original Equipment Manufacturer (OEM) or Authorization Declaration (Annexure-D) for BATTERY'S	
i.	List of all deliverables with brands as per (Annexure-E)	
j.	Compliance of Specifications & Standardization	
k.	Compliance of terms & conditions	
2.	Agreement: successful bidder shall have to execute duly notarized agreement on 100 rupee Non Judicial stamp paper within 15 days from acceptance of work order. Format will be provided by AAI.	
3.	Scope of work shall include:- a) Supply of equipments b) Installation, Integration and Testing. c) Onsite training	
4.	Delivery of goods: packing unpacking transportation loading unloading Octroi insurance and any other taxes and duties (excluding GST) shall be included in the bid price.	
5.	Unpacking of goods shall be done in front of AAI official and for any damage it is sole responsibility of vendor.	
6.	All supporting equipments, tools shall be arranged by vendor himself.	
7.	Vendor shall endeavour to carry out installation in such way no inconvenience is caused to passengers in airport as it is in operational area. All debris/wreckage shall be removed from the site simultaneously with the completion of work.	
8.	Two Sets Each of Soft Copy and Hard Copy of Operations, Technical and Maintenance manual, etc. shall be submitted to AAI at site.	
9.	Payment for SITC: Payment to the supplier shall be made in the following manner:- 100 % of payment on completion of SITC of UPS and Battery's at T1 & T4 Terminals.	

TECHNICAL SPECIFICATIONS/COMPLIANCE

S.No.	Specifications	Compliance Yes / No
Item No.	Supply, Installation ,Testing & Commissioning of 2 X 30 KVA (1set) Parallel redundant UPS with 30 minutes back-up on full load and accessories. (Qty : 2 set)	
1	POWER REQUIREMENTS	
1.1	30 KVA UPS in REDUNDANT (1+1) CONFIGURATION	
1.2	30 KVA Floor Mounted On-Line UPS 1+1 (Three phase AC Input & single Phase AC Output) with input/output Isolation Transformer (There shall be nothing common between input & output connection/leads). Individual SMF VRLA battery in construction (AGM OR VRSLAB), in ABS Fire /Flame Retardant only. Battery Bank to provide 30 minutes Battery back-up for each UPS, RS 232 Serial port or RJ45 with software for Computer Interface and Redundant Configuration.	
1.3	UPS operation shall be configured in such a way that the failure of one UPS shall result in total load to be automatically transferred to other UPS of the cluster.	
1.4	Original Equipment Manufacturer (OEM) or Authorization Declaration (Annexure-C) for UPS	
1.5	Original Equipment Manufacturer (OEM) or Authorization Declaration (Annexure-D) for Batteries	
1.6	TECHNICAL SPECIFICATIONS:	
	1. General:	
	UPS shall be free from all workmanship defects. The Equipment shall be complete with all parts and shall be in functional mode.	
	By-pass facility shall be provided for maintenance of UPS.	
	UPS shall supply output power and charging current at the same time.	
	Switching device shall be IGBT Format.	
	Digital Signal Processors (DSP) shall be used for all monitoring and control electronics of UPS.	
	2. Input: 350V-450V, 50Hz \pm 3% Three Phase AC	
	3. Output: 230V \pm 1% (with alternative setting for 220V \pm 1%) 50 \pm 0.5Hz, Single phase. Voltage regulation from no load to full load shall be within \pm 1% in both the cases. UPS shall also have facility for operation in synchronous mode in which output frequency shall be same as that of mains frequency.	
	4. Total harmonics distortion at output: 3% maximum for UPS on resistive load, if total input harmonics are less than or equal to 10%	
	5. Efficiency (at rated output voltage and frequency): Overall efficiency (minimum):90%	
	6. UPS power factor at rated load: better than 0.8 lagging or better.	
	7. Over load: UPS shall withstand 20% overload for 1 minute and 50% over load for 30 seconds.	

1.7	TECHNICAL FEATURES:		
	1. Protections: Following protection shall be provided in UPS:		
	a. Over voltage, short circuit, and overload at UPS output terminal.		
	b. Under voltage at battery terminal.		
	c. Overshoot and undershoot shall not be greater than 4% of rated voltage for duration of 40m sec. (maximum)		
	2. Indicators: Following indicators shall be provided:		
	a. Mains presence.		
	b. Battery charging and discharging		
	c. Output overload		
	d. Low battery voltage.		
	3. Digital Display shall be provided for monitoring the following parameters in UPS:		
	a. Input AC Voltage.		
	b. Output AC Voltage, current and frequency		
	c. Battery voltage and current.		
	4. ENVIRONMENTAL:		
	i. Operating Temperature :	0 to 40 Deg. C	
	ii. Maximum Temperature :	40 Deg. C	
	iii. Storage Temperature :	(-25 to 70) Deg C	
	iv. Relative Humidity :	95%, Non condensing.	
	v. Altitude :	Up to 1000mtrs. (Above 1000 Mtrs.. Deration factor @ 1.5% at every 100 mtrs.)	
	5. Warranty/Guarantee period for UPS & Battery :		
	i. THIRTY SIX calendar months from the date of successful installation and completion of works at site.		
	ii. The contractor shall maintain record of preventive /breakdown/corrective maintenance carried out at site once in six months, and get it countersigned by AAI representative during warranty /defect liability period.		
	iii. Timely Servicing/rectification of defects during warranty period: After having been notified of the defects/service requirement during warranty period, Seller has to complete the required service/Rectification within 3 days' time limit. If the Seller fails to complete service/rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service/rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to reimburse the cost of such service/rectification to the buyer.		

	6. Battery bank:	
	UPS shall be supplied with SMF VRLA battery in construction (AGM OR VRSLAB), in ABS Fire /Flame Retardant only.	
	Bidders shall declare battery AH capacity, battery voltage, number of batteries of each rating, make and model of batteries offered with each item of UPS.	
	Batteries for UPS shall be of the following makes: EXIDE, PANASONIC, AMAR RAJA, GLOBAL, ROCKET, BASE.	
	Back up Period: Minimum. 30 minutes.	
	Battery shall have Manufacturing date within 6 months from the date of supply and Battery replaced under warranty condition should also have manufacturing date within 6 months from the date of replacement.	
	All batteries used in the Battery bank should be in the same lot/batch.	
	Battery should be fully charged.	
	Dimensions (L x W x H) (mm x mm x mm) of the Battery should be as per relevant IS Specifications.	

ANNEXURE-A

UNDERTAKING REGARDING DEBARMENT/BLACKLISTING

I/We (name and post of authorized signatory) on behalf of (Name of firm) do here by solemnly affirm and declare as follows:

- (i) Our firm is not restrained/ debarred/ blacklisted by AAI or Central /State Govt. Depts./PSUs/World Bank/ ADB etc. and the debarment is not in force as on last date of submission of proposal.
- (ii) None of Proprietor /Partners /Board Members /Directors of M/s..... (Name of firm) has remained Proprietor /Partner /Board Member /Director in any firm which stands debarred /blacklisted by AAI or Central /State Govt. Depts./PSUs/World Bank/ ADB etc. and the debarment is not in force as on last date of submission of proposal.
- (iii) Our firm understands that at any stage, if above statements are found to be false, our firm shall be liable for debarment from bidding in AAI, apart from any other appropriate contractual legal action including debarment/ blacklisting, termination of the contract etc. as deemed fit.

Date:

[Signature and name of the
authorized signatory of the firm]

Place:

Note: Above undertaking is to be given on company's letter head.

UNCONDITIONAL ACCEPTANCE LETTER
(On company's Letter Head)

Ref No Date:

To

Sr. Manager (Airport Systems)
Airports Authority of India
Operational Offices (Admin. Building),
2nd Floor, Chennai Airport
Chennai – 600 027

Subject: Unconditional Acceptance of terms & conditions.

Sir,

Reference may please be made to your Bid regarding **“Replacement of UPS for PAVA System at T1 and T4 Terminals.”** I/We have read and examined the Tender documents.

1. I/We have thoroughly understood the Bid documents containing terms & conditions and other instructions of the contract given and hereby agree to abide by it, in its entirety without any deviations and ambiguity for the above work I/WE hereby express unconditional acceptance of the above bid.
2. I/We have noted that after accepting the terms & conditions including finalized specifications in its entirety, it is not permissible to put any remarks/conditions (except unconditional rebate on price if any) in the Tender enclosed and the same has been followed in the present case. In case, this provision of the Tender is found violated after opening Financial Bid, I/We agree that the Tender shall stand rejected and AAI shall without prejudice to any other remedy be at liberty to forfeit absolutely the full earnest money.
3. I/We offer to work at the rate given by me/us as per financial bid enclosed duly signed and it is confirmed that no other charges would be payable to me/us.
4. I/We understand that in the event of not submitting any one or more documents/information by me/us mentioned in Tender document or with inadequate information, my/our Tender will be liable for rejection. Also, all the documents submitted by me/us are true to the best of my knowledge, in case it is discovered at any time that the documents are forged/camouflage/ false the Tenders shall be out rightly rejected and the firm shall be debarred/ black listed for any business with AAI for minimum period of three years.

5. I/We hereby agree to abide by and fulfil all terms, conditions & provisions of aforesaid documents and all the rules/ regulation of AAI and any dispute will be settled mutually within the AAI rules first.
6. I/We declare that I/We have not paid and will not pay any bribe to any officer of AAI for awarding this contract at any stage during its execution or at the time of payment of bills, and further if any officer of AAI asks for bribe/gratification, I will immediately report it to the Appropriate Authority in AAI.

Yours truly,

Signature.....

Name & Design

**Bidder/Authorized Signatory
Company Stamp / Seal**

**ANNEXURE-C
(UPS)**

To,

Sr. Manager (Airport Systems)
Airports Authority of India
Operational Offices (Admin. Building),
2nd Floor, Chennai Airport
Chennai – 600 027

Name of work: **Replacement of UPS for PAVA System at T1 and T4 Terminals.**

Subject : Declaration/Undertaking regarding Original Equipment Manufacturer (OEM) or
Authorized Representative (AR)/Indian Agent (IA) of OEM Bidder

Sir,

I/We, _____(Manufacturer Name with Address)
who are established and reputed manufacturer of _____ (Item Name)
having factory at, _____(Address).

1. I/We are participating in the tender as OEM.

OR

2. I/We do hereby authorize, _____(Bidder Name with
complete Address) to participate in this tender on behalf of
M/s. _____(OEM).

I/We confirm that the quoted equipment have not been declared end of life as of date
of this tender, and we shall supply our products as per published tender
specifications and bid offer.

I/We also confirm to provide Warranty and Post Warranty support for offered
products, availability of product spares, sales, service and software as per this
tender.

Thanking you,

Dated:

Yours faithfully,
Signature of the authorized signatory (OEM)

Name:

Telephone:

E-mail: _____

Stamp: _____

To,

Sr. Manager (Airport Systems)
Airports Authority of India
Operational Offices (Admin. Building),
2nd Floor, Chennai Airport
Chennai – 600 027

Name of work: **Replacement of UPS for PAVA System at T1 and T4 Terminals.**

Subject : Declaration/Undertaking regarding Original Equipment Manufacturer (OEM) or
Authorized Representative (AR)/Indian Agent (IA) of OEM Bidder

Sir,

I/We, _____(Manufacturer Name with Address)
who are established and reputed manufacturer of _____ (Item Name)
having factory at, _____(Address).

3. I/We are participating in the tender as OEM.

OR

4. I/We do hereby authorize, _____(Bidder Name with
complete Address) to participate in this tender on behalf of
M/s. _____(OEM).

I/We confirm that the quoted batteries have not been declared end of life as of date
of this tender, and we shall supply our products as per published tender
specifications and bid offer.

I/We also confirm to provide Warranty support for offered products as per this tender.

Thanking you,

Yours faithfully,

Dated:

Signature of the authorized signatory (OEM)

Name:

Telephone:

E-mail: _____

Stamp: _____

ANNEXURE – E**Unpriced bill of material with Make & Model**

Name of work: **Replacement of UPS for PAVA System at T1 and T4 Terminals.**

S.No.	DESCRIPTION	MAKE	MODEL
1.	30 KVA UPS		
2.	BATTERY		