

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 18:00:00
Bid Opening Date/Time	27-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Home Affairs
Department Name	Central Armed Police Forces
Organisation Name	Sashastra Seema Bal (ssb)
Office Name	Fhq Ssb New Delhi
Total Quantity	3
Item Category	Microwave Based Disinfection System (SAMEER Technology)
Bidder Turnover (Last 3 Years)	47 Lakh (s)
OEM Average Turnover (Last 3 Years)	94 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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	10 %
Bid to RA enabled	Yes
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	5.00
EMD Amount	474867

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	62

(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:

DDO

Fhq Ssb New Delhi, Central Armed Police Forces, Sashastra Seema Bal (SSB), Ministry of Home Affairs
(Asstt.comdt/min)

Splitting

Bid splitting not applied.

1. 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 years as indicated 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 year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three 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 year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Microwave Based Disinfection System (SAMEER Technology) (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Performance Parameters	Technology	Microwave technology based disinfection of hazardous biomedical waste designed developed and patented by SAMEER Mumbai	Microwave technology based disinfection of hazardous biomedical waste designed developed and patented by SAMEER Mumbai
	Nominal capacity of Disinfection system in litres per cycle	10	10
	Microwave out put power in kw	1	1, 1.5
	Microwave frequency in MHz	2450	*
	Power consumption in watts hour (Approximate)	2300	2300

Duration of one disinfection cycle in minutes	45-50	*
Microwave generator provided	Magnetrons strategically positioned and tuned to specific frequency to ensure total coverage and disinfection	*
Material of Construction of external body	MS powder coated external body with SS microwave applicator with microwave leak proof front cover	*
Inner microwave chamber construction	Specially designed rectangular chamber made of SS 304 Grade stainless steel	*
Monitoring	On line temperature display along with printing of process cycle using printer to record process parameters .On line monitoring of process status and magnetron current	*
Report Generation	inbuilt printer to record process start time,end time and temperature log of the process along with weight of the hospital waste processed	*
Turn table	Precisely balanced slow speed turn table with concealed drive mechanism to ensure 360 degree uniform microwave heating and with weight sensor	*
Waste container	Microwave proof moulded container to hold the medical waste	*
Exhaust System	Specially designed closed loop water ejector system for the microwave chamber to avoid discharge of any fumes/gases to the atmosphere	*
Automatic moistening System	internally installed automatic water spray mechanism to facilitate moistening of the waste for uniformity of microwave absorption and heating	*
Control System	High end programmable logic control system to ensure total automatic disinfection cycle with minimum human intervention and single button operation	*
Safety interlocks	Insufficient hospital waste ,closure of applicator door,high voltage safety door,magnetron cooling blower magnetron temperature and current etc	*

	Dimensions in mm x mm x mm	1040 X 1050 X 630	1040 X 1050 X 630
	Weight in kg	200	200
	Remote monitoring of machine status	No	Yes, No
	Print out of weight processed by system	Yes	Yes
	Parameters for which disinfection efficiency to be tested	Disinfection efficacy 10 ⁵ to 10 ⁷ log , decontamination of bacterial suspension,Decontamination of mycobacterium tuberculosis(MTB),Decontamination of fungal suspension,Decontamination of spores of bacillus atrphaeus,inactivation of cell lines,Destruction of vaccines eginfluenza live attenuated.,Destruction of viruses eg HIN1 and HIVI ,Destruction of blood vials,Destruction of m,aggots,Decontamination of operation thestre monitoring swabs	*
	Technology acquisition From	Society of applied mocrowave electronics engineering and research Mumbai	*
	Operating voltage and frequency	230 ± 10 VAC, 50 Hz	*
	Warranty in years	5	5
Certifications	Certification Report	Efficincy certification as per CPCB Biomedical waste rule	*
	Certification Lab	Half kine institute, Parel Mumbai	*
	Certification No and Date	-	*
	Manufacturing LICENCE(TOT Agreement) issued by SAMEER and its validity	-	*
	Details of certifications with manufacturer(TOT holder) such as ISO	-	*
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting	Address	Quantity	Delivery Days
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	Officer			
1	Parth Purwar	273007,O/O The DIG(Medical), Composite Hospital, SSB FCIL Complex Gorakhpur	1	45
2	Manoj Kumar Bora	784104,O/O The DIG Medical, Composite Hospital Tezpur, At Salonibari	1	45
3	RENU K THORE	854316,Office of the Deputy Inspector General, Composite Hospital SSB Bathnaha ,Koshi Project Colony PO- Bathnaha	1	45

Bid Specific Additional Terms and Conditions

- 1.Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- 2.Bidder Turn Over Criteria: 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 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.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 4.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 1 year 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 year. In case of bunch bids, the primary product having highest value should meet this criterion.
- 5.IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 6.Malicious Code Certificate:

The seller should upload following certificate in the bid:-
(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-
(i) Inhibit the desires and designed function of the equipment.
(ii) Cause physical damage to the user or equipment during the exploitation.
(iii) Tap information resident or transient in the equipment/network.
(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
- 7.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 8.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 15 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 re-imburse the cost of such service / rectification to the Buyer.
- 9.Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 10.OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

11. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent 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.
12. Preference to Make In India products (for bids greater than 200 Crore) (can also be used in Bids less than 200 Crore but only after exemption by competent authority as defined in Deptt of Expenditure OM dated 28.5.2020): 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 50%. 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
13. 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% 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 percentage of 50% of total value.

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

---Thank You---