

### Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 16:00:00
Bid Opening Date/Time	18-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Tamil Nadu
Department Name	Home Prohibition And Excise Department Tamil Nadu
Organisation Name	Fire And Rescue Services Department
Office Name	Central Zone
Total Quantity	1
Item Category	Victim Location Equipment & Breaching System (Mobile medical services search and rescue kits)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC), OEM Authorization Certificate *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
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Advisory Bank	Bank Of Baroda
EMD Percentage(%)	1.00
EMD Amount	12030

### ePBG Detail

Advisory Bank	Bank Of Baroda
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	30

(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:**

Gazetted Personal Assistant (Stores), Directorate  
Home Prohibition and Excise Department Tamil Nadu, Fire and Rescue Services Department,  
(Sundar Govindarajalu)

**Splitting**

Bid splitting not applied.

**Victim Location Equipment & Breaching System (Mobile Medical Services Search And Rescue Kits ( 1 pieces )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>Victim Location Equipment</b>	Designed for location and rescue of victims trapped under debris during natural calamities or in mine collapses or confined space disasters.	Designed for location and rescue of victims trapped under debris during natural calamities or in mine collapses or confined space disasters.
	<b>Scope of Supply for Victim Location Equipment</b>	"Complete victim location system with camera mounted on rigid telescopic frame extendable to length > 6 m along with video display monitor, two-way audio system incorporating search microphone and communication speakers in camera housing and under-helmet headset with earphones and boom microphones, Operator	"Complete victim location system with camera mounted on rigid telescopic frame extendable to length > 6 m along with video display monitor, two-way audio system incorporating search microphone and communication speakers in camera housing and under-helmet headset with earphones and boom microphones, Operator

		consoles all packed in an appropriate water tight, dust proof carry case. Separate remote hard-wired display monitor with extension cable to 20 m. Two batteries and charger"	consoles all packed in an appropriate water tight, dust proof carry case. Separate remote hard-wired display monitor with extension cable to 20 m. Two batteries and charger"
	<b>Breaching System</b>	"The Breaching System is a heavy duty drill used for making an entry hole for the probe of the victim location system through debris at the disaster site, or other overlaying material required to be breached to enable the search camera to access underlying void spaces"	"The Breaching System is a heavy duty drill used for making an entry hole for the probe of the victim location system through debris at the disaster site, or other overlaying material required to be breached to enable the search camera to access underlying void spaces"
	<b>Scope of Supply for Breaching System</b>	Complete Breaching System in appropriate carry case with two additional diamond and coring bits each.	Complete Breaching System in appropriate carry case with two additional diamond and coring bits each.
	<b>Performance requirements</b>	equipment is required to perform under emergency conditions prevailing during various kinds of natural and man-made disasters (such as flood, earthquake, tsunami, cyclone, landslide, dust & hail storm, fire, terrorist attack, chemical, biological and nuclear attack etc	equipment is required to perform under emergency conditions prevailing during various kinds of natural and man-made disasters (such as flood, earthquake, tsunami, cyclone, landslide, dust & hail storm, fire, terrorist attack, chemical, biological and nuclear attack etc
Victim Location Equipment	Make and Model number of Victim Location Equipment	-	*
	Victim Location Equipment ability	They enable insertion below the debris of a telescopic probe which mounts, at its head, a sensitive articulable video camera, supported by appropriate illumination, whose images can be viewed by the operator and other rescue personnel	*

	on remote display monitors.	
Victim Location Equipment system integration	The system also integrates a two way audio system which can pick up life sounds from the victim and also permits the passage of spoken instructions or assurances to him from the rescue team. Since a rigid telescopic probe has limitations on how far it can be inserted, the camera, light and sound system can also be mounted on one end of a cable which can be used to reach greater depths	*
Victim Location System's primary configuration	based on a video camera mounted at one end of a rigid telescopic probe which can reach out into depths and void spaces up to a distance greater than 9ft	*
Colour video camera specification	minimum, 1/3" double scan colour CCD with 4, 70,000 pixel or more with low light sensitivity to better than 0.1 Lux.	*
Travel articulation angle for camera	180° total, right to left, with a viewing area not less than 120°	*
Illumination device	" 16 element LED/xenon lamp integrated into the camera head which can illuminate up to 6m or more in total darkness."	*
Display monitors	"two display monitors, one at the operator level and the second for remote viewing by other rescue personnel at a distance not less than 20 m from the operator position."	*

	Display monitors type	Flat screen LCD active matrix of minimum size 6" measured diagonally.	*
	Gain for inbuilt two-way audio system	better than 90 dB	*
	Inbuilt speaker with camera	YES	*
	The operator's headset will incorporate noise attenuating earphones and a boom microphone through which messages or instructions may be passed to the victim through the speaker housed in the camera piece	YES	*
	System Operators requirements	maximum two persons to operate, one operator to handle and control the probe and the second operator for the system functions, as well as viewing of the monitor. The probe operator will be provided ergonomic controls	*
	Probe weight (less than 5 Kg) must declare	5	*
	Rechargeable dry batteries to enable 3 hours continuous use	2 Nos	*
	Battery Chemistry and Capacity	-	*
	Charging capacity of Battery charger	charger should recharge batteries to 90% in less than two hours	*
	Operating Temperature	-10 °C to 50 °C	*
	Storage Temperature and Humidity	between -10 °C to 50 °C & Humidity 10 % to 90% relative	*
	Dust and Water resistant	YES	*
	Degree of Protection Rating (IP)	-	*
Breaching System	Make and Model	-	*

	number of Breaching system		
	Breaching capability	To allow rescue teams to breach most common construction materials with only one system	*
	Toughness of coring bits, carbide tipped diamond studded	suitable to bore through wood, nails, sheet metal and roofing materials and reinforced concrete	*
	Collar for attachment of coring bits as well as for cooling water to be delivered to the spinning carbide tipped diamond studded bits when used	YES	*
	Power head weight (must declare)	12	*
	Boring speed( Hint:then 5 cms per minute in standard construction grade concrete)	5	*
	Breaching depth	150	*
	Bits Type	carbide tipped diamond stubbed bits (min.dia-52mm) capable of coring holes of minimum diameter of 55 mm (55mm)	*
	Cooling system	pressurized water can, 8 Litres capacity with not less than 3 m hose with quick connect fittings	*
	Field service kit	Canvas storage pouch,spare fuel tank cap,starter recoil assembly, Allen key set for starter assembly,spare spark plug,spark plug wrench, copper washer,garden hose to water collar adaptor	*
Certification	Availability of Type Test Report to prove conformity of declared parameters to the specification from any	YES	*

ILAC/NABL accredited/Central Govt Lab		
Test Report Number and Date	-	*
Name of the Lab where test Conducted	-	*
Technical/User Manual shall be supplied with each equipment	YES	*
<b>Product Warranty</b>	2	2
<b>Service Warranty for Parts from date installation</b>	5	5

\* 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 Officer	Address	Quantity	Delivery Days
1	Sundar Govindarajalu	600008,17 Rukmani Lakshmipathy Road Egmore	1	30

### Bid Specific Additional Terms and Conditions

1. 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.
2. 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)
3. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
4. ISO 9001: The bidder must have ISO 9001 certification.
5. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
6. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): CE Certification necessary.
7. 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.

8. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

**---Thank You---**