

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 18:00:00
Bid Opening Date/Time	23-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Bharat Dynamics Limited
Office Name	*****
Total Quantity	1
Item Category	Explosives / Narcotics Trace Detector
Bidder Turnover (Last 3 Years)	10 Lakh (s)
OEM Average Turnover (Last 3 Years)	20 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Past Performance,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	80 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	1

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

Beneficiary:

Dy.General Manager

BHARAT DYNAMICS LIMITED HYDERABAD, Department of Defence Production, Bharat Dynamics Limited, Ministry of Defence
(Netala Uma Maheswara Rao)

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 80% 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.

Explosives / Narcotics Trace Detector (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE / PERFORMANCE / SAFETY	Type	Handheld	Handheld
	Technology	Ion Mobility Spectrometry (IMS)	Ion Mobility Spectrometry (IMS)
	Detector Source - RadiationType	Radioactive	Radioactive

Detection modes	Explosives	Explosives
Sample collection/Acquisition	Swipe- Card, Surface Wipes, Particulates, Particles and Vapours	Swipe- Card, Surface Wipes, Particulates, Particles and Vapours
Each Sample collector uniquely bar coded	Yes	Yes
Carrier gas required for Detection	No	*
Number of Sample Collectors such as Swipe-Cards/Detector Cards/Surface Wipes/Sampling Swabs/Traps/Paper supplied	200	200
Types of Explosives Detected	Nitroaromatics (TNT, TNB, DNT, DNB, Tetryl), Nitramines (Pyrodex / Triple 8, Gunpowder, Nitroglycerin), Nitrate Esters (HMX, RDX, PETN, SEMTEX, EGDN, C4, NG, Smokeless Powders), Inorganic Nitrates (Ammonium Nitrate, Urea Nitrate, Potassium Nitrate), Peroxides (TATP, HMTD)	Nitroaromatics (TNT, TNB, DNT, DNB, Tetryl), Nitramines (Pyrodex / Triple 8, Gunpowder, Nitroglycerin), Nitrate Esters (HMX, RDX, PETN, SEMTEX, EGDN, C4, NG, Smokeless Powders), Inorganic Nitrates (Ammonium Nitrate, Urea Nitrate, Potassium Nitrate), Peroxides (TATP, HMTD)
Types of Drugs /Narcotics Detected	NA	NA
Analysis / Detection time	10	10.0
Warm-up Time (Cold start) (Maximum)	0.25	0.25
Alarm	Audio, Visual	*
Selectivity / False alarm rate	1	*
Sensitivity for Narcotics	ppb level	*
Sensitivity for Explosives	ppb level	*
Bakeout Time/ Time between Two Successive Tests (MINUTES)	< 1	< 1
Calibration	Automatic	*

DISPLAY / STORAGE / CONNECTIVITY	IP Protection	N/A FOR BENCHTOP	N/A FOR BENCHTOP
	Radiation Hazard during Testing	No	No
	Availability of Radiation Safe Certificate	Yes	Yes
	Type of Display	COLOR LCD	COLOR LCD
	Display Size	2.5	*
	Display Digit Size	1	*
	Test result printing	Through external printer	Through external printer
	If inbuilt printer, Type of printer	N/A	N/A
	Supporting software for connecting to PC & Printer	Yes	*
	In-built GPS	No	*
	GPS coordinates Stamping	No	*
	Memory (in Data Sets)	60000	60000.0 - 300000.0 Or higher
	Memory (GB)	1	*
	Date / time Stamp in Entries	Yes	Yes
POWER REQUIREMENT	Connectivity interface	USB,Bluetooth	*
	Power Source	Rechargeable Battery	*
	Battery Size, if Non Rechargeable Battery	NA	*
	Battery Chemistry, if Rechargeable Battery	Li-Ion	*
	Voltage of each Battery	14.4	*
	Number of Batteries required for operation	3	*
	Number of Batteries supplied (Inclusive in the Scope of Supply)	3	*
	BATTERY CAPACITY (mAh)	1.8	*
	Battery Life	4	*
GENERIC	Suitable Adapter to be supplied to make the equipment Work on 230 V \pm 10 %, 50 Hz	Yes	*
	Weight	< 2000 g (for	< 2000 g (for

		Handheld)	Handheld)
	Dimension (WxHxD) (mmxmmxmm)	-	*
OPERATING CONDITION	Minimum Operating temperature	-20	-20.0
	Maximum Operating temperature	60	60.0
	Operating humidity at 40 deg C	95	95.0
WARRANTY	Warranty	1	1.0
CERTIFICATION	Conformity to Dust test as per:	NA	NA
	Conformity to Vibration test as per:	NA	NA
	Conformity to Shock test as per:	NA	NA
	Conformity to Water Intrusion test as per:	NA	NA
	Conformity to Conformity to Salt test as per:	NA	NA
	Conformity to Rain test as per:	NA	NA
	Conformity to Altitude test as per:	NA	NA
	Availability of Test Reports from Central Govt/ NABL/ILAC accredited lab to prove conformity to the Specifications	Yes	Yes
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	Test Report Number and Date	-	*
	Name and Address of the Lab	-	*

* 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	*****	*****MEDAK	1	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

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

---Thank You---