

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 15:00:00
Bid Opening Date/Time	20-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Army
Office Name	*****
Total Quantity	64
Item Category	Optical Time Domain Reflectometer (OTDR)
Bidder Turnover (Last 3 Years)	150 Lakh (s)
Experience Criteria	2 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,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	50 %
Bid to RA enabled	Yes
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	3.00
EMD Amount	903974

ePBG Detail

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Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	38

(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:

Colonel Signals Project Management
HQ Eastern Command, Department of Defence, Indian Army, Ministry of Defence
(Nitin Kapoor)

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. 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 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.

Optical Time Domain Reflectometer (OTDR) (64 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
PERFORMANCE	Fiber Compatibility	Both Single Mode & Multi Mode	Both Single Mode & Multi Mode

	Central Wavelength (nm)	1310 & 1550 and 850 & 1300 for Both Single Mode & Multi Mode	1310 & 1550 and 850 & 1300 for Both Single Mode & Multi Mode
	Wavelength Tolerance (±)	20	Less than 20.0 Or lower
	Dynamic range@ Max Wavelength	35	35.0 - 50.0 Or higher
	Event dead zone - Maximum	1	Less than 1.0 Or lower
	Attenuation dead zone - Maximum	4	Less than 4.0 Or lower
	Maximum Display Distance Range	-	*
	Pulse width Range	3 to 20000 for Single Mode/Live Fiber Testing,3 to 1000 for Multi Mode	*
	Distance Measurement Accuracy (±)	0.53	Less than 0.53 Or lower
	Reflection Detection Accuracy (±)	± 5 dB for Multi Mode or better, ± 4 dB for Single Mode or better	*
	Linearity (dB/dB) (±)	0.05	*
	Sampling points	256000	256000.0 - 256000.0 Or higher
	Measurement time	User Selectable 15 seconds to 180 seconds	*
DISPLAY / STORAGE	Display	Colour Display,LCD,Daylight Readable Display	*
	Display Size	7	7.0 - 12.0 Or higher
	Connectivity interface	USB,RJ 45	*
	Internal Storage OTDR traces	50000	50000
	External Storage / Memory Stick Slot provided	Micro SD,USB	*
	External Storage Capacity inclusive in the scope of supply	32	32 Or higher
STABILIZED LIGHT SOURCE	Integrated Stabilized Light Source	Yes	*
	Light Source Wave Length	Same as OTDR	*

POWER SOURCE	Modulation	CW,270 Hz,1 kHz,2 kHz	*
	Optical output power	- 3 dBm for Multi Mode,- 6 dBm for Single Mode	*
	Optical output port	On OTDR Port	*
	Power Source	Internal / Removable-Rechargeable Battery	*
	Battery Chemistry, if Rechargeable Battery	Li-Ion	*
	Voltage of each Battery	-	*
	Battery Capacity (mAh)	4400	*
	Number of Batteries required for operation	1	*
	Number of Batteries supplied (Inclusive in the Scope of Supply)	2	*
	Operating Time per full charge (Minimum)	-	*
VISUAL FAULT LOCATOR (VFL) / VISUAL LIGHT SOURCE (VLS) FOR OTDR	Suitable Adapter to be supplied to make the equipment Work on 230 V \pm 10 %, 50 Hz	Yes	*
	Built-in Visual Fault Locator (VFL) / Visual Light Source (VSL)	Yes	Yes
	Wave Length Range (VFL/VSL)	650 nm \pm 20 nm	*
	Output Function (VFL/VSL)	OFF,CW,Blink	*
	Maximum Optical output power (Peak) (VFL/VSL) - dBm	- 3 dBm or more	*
POWER METER FOR OTDR	Laser Safety of VFL/VSL as per IEC 60825-1 latest or equivalent international standard	CLASS 3R	*
	Built-in Power Meter	Yes	Yes
	Power Meter input port	Dedicated Port on OTDR	Dedicated Port on OTDR
	Wavelength Range	850 nm to 1650 nm	850 nm to 1650 nm
	Modulation (Power Meter)	CW,270 Hz,1 kHz,2 kHz	*
	Minimum Power measurement range (dBm)	-70	-70.0 - -70.0 Or lower

GENERIC	Maximum Power measurement range (dBm)	10	*
	Accuracy (Power Meter) (±)	1	0.0 - 1.0 Or lower
	Connector Tip	PC/UPC	PC/UPC
	Connector / Adapter End	SC,FC	*
	OTDR Data Format	.sor	*
	Laser Safety of OTDR as per IEC 60825-1 latest or equivalent international standard	Class 1M (1310 nm),Class 1M (1300 nm),Class 1M (1550 nm),Class 3R (850 nm),Class 3R (1300 nm)	*
	Dimensions (mm x mm x mm)	-	*
	Weight (with battery)	-	*
SALIENT FEATURES	"Salient Features (Select Applicable Features Only)"	Supports 12 V External Battery	*
ACCESSORIES	Aceesories inclusive in the Scope of Supply (Select included Accessories Only)	DC vehicle battery-charging adaptor (12 V),Carry Case	DC vehicle battery-charging adaptor (12 V), Carry Case
OPERATING CONDITIONS	Minimum Operating Temperature	-10	Less than -10.0 Or lower
	Maximum Operating Temperature	50	More than 50.0 Or higher
	Maximum Operating Humidity	95	95.0 - 95.0 Or higher
WARRANTY	WARRANTY	3	3, 5 Or higher
CERTIFICATION	Conformance to Safety requirements as per IEC 61010- 1 latest or equivalent international standard	Yes	*
	Conformance to EMC requirements as per IEC 61326-1 latest or equivalent international standard	Yes	*
	Certifications	IEC,CE,RoHS	*
	Availability of Test Reports from Central Govt/ NABL/ ILAC accredited lab to	Yes	Yes

	prove conformity to the Specifications		
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	Test Report No and Date	-	*
	Name of the Lab and Address	-	*

* 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	*****	*****KAMRUP	64	45

Bid Specific Additional Terms and Conditions

- 1. Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- 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.** 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.
- 4.** Scope of supply (Bid price to include all cost components) : Only supply of Goods
- 5.** The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

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

---Thank You---