

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 17:00:00
Bid Opening Date/Time	27-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	School Education And Literacy
Organisation Name	Kendriya Vidyalaya Sangathan
Office Name	Kvs Regional Office Kolkata
Total Quantity	4
Item Category	Portable Fire extinguishers as per IS 15683 (2018)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,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	70 %
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	24000

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### 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 70% 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.

## Portable Fire Extinguishers As Per IS 15683 (2018) ( 4 pieces )

### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic	Conformity to Standard	IS: 15683: 2018 (Latest amendments)	*
	Type	Stored Pressure	Stored Pressure, Gas Cartridge Type (as per IS 4947)
	Extinguishing Media	Powder Based (as per IS 4308 )	Water Based, Foam Based (as per IS 4989), Powder Based (as per IS 4308 ), Carbon Dioxide Based (as per IS 15222), Clean Agent (certificate of manufacturer/supplier), Water Mist Type
	Expellant Medium	N2 Based (Stored Pressure)	CO2 Cartridge Based, N2 Based (Stored Pressure), CO2 Extinguishing Medium
Constructional Material	Type of Extinguisher	Low Pressure Extinguisher (Service Pressure $\leq$ 19 bar)	High Pressure Extinguisher (Service Pressure >19 bar), Low Pressure Extinguisher (Service Pressure $\leq$ 19 bar)
	Material Specification for the body of High Pressure Extinguisher (Hint: Select NA Low Pressure Extinguisher)	NA	Steel body (as per latest IS 7285), Aluminium body (as per latest IS 15660), NA
	Material Specification for the body of Low Pressure Extinguisher (Hint: Select NA High Pressure Extinguisher)	Welded low carbon steel cylinders (as per Clause 9.2.5 of IS 15683)	Welded low carbon steel cylinders (as per Clause 9.2.5 of IS 15683), Stainless steel cylinders (as per Clause 9.2.6 of IS 15683), Aluminium Cylinder seamless construction (as per Clause 9.2.7 of IS 15683), Composite cylinder non-metallic liner (as per Clause 9.2.8 of IS 15683), NA
Construction	Foam Based Extinguishing Media (Hint: Select NA for Extinguishing Media other than Foam Based)	NA	Protein Foam (PF), Aqueous Film Forming Foam (AFFF), Film Forming Fluoro- Protein Foam (FFFP), Synthetic Foam, AR Foam, NA
	Powder Based	ABC	BC, ABC, Specially made for

<b>Extinguishing Media</b> (Hint: Select NA for Extinguishing Media other than Powder Based)		class-D Fire, Specially made for class-B Fire, NA
<b>Type of Clean Agent for Clean Agent Based Fire Extinguisher (as per CL 5-1-3) (HINT: Select NA for other Extinguishing Media)</b>	NA	yes, NA
Name of Clean Agent as per (CL 3-13) (HINT: Type NA for other Extinguishing Media)	-	*
<b>Foam Based Fire Extinguisher Capacity in Liters (Hint: Select NA for Extinguisher Capacity other than Foam Based)</b>	NA	2, 3, 4, 6, 9, NA
<b>Powder Based Fire Extinguisher Capacity in Kg (Hint: Select NA for Extinguisher Capacity other than Powder Based)</b>	2	1, 2, 4, 6, 9, 12, NA
<b>Carbon Dioxide Based Fire Extinguisher Capacity in Kg (Hint: Select NA for Extinguisher Capacity other than CO2 Based)</b>	NA	2, 3, 4.5, NA
<b>Water Based Fire Extinguisher Capacity in Liters (Hint: Select NA for Extinguisher Capacity other than Water Based)</b>	NA	2, 3, 4, 6, 9, NA
<b>Clean Agents Fire Extinguisher Capacity in Kg (Hint: Select NA for Extinguisher Capacity other than Clean Agents Based)</b>	NA	2, 4, 6, NA
<b>Water Mist Fire Extinguisher Capacity in Liters (Hint: Select NA for Extinguisher Capacity other than Water Mist Based)</b>	NA	2, 3, 4, 6, 9, NA
Weight of Filled Portable Fire Extinguisher	3.52	*
<b>Features of Fire Extinguisher</b>	Carrying Handle (Mandatory If Extinguisher having mass $\geq 1.5\text{Kg}$ or Cylinder diameter, Rechargeable	Carrying Handle (Mandatory If Extinguisher having mass $\geq 1.5\text{Kg}$ or Cylinder diameter, Safety Devices (Mandatory for High Pressure Extinguisher), Rechargeable, Hose Assemblies (Mandatory If mass or volume of Extinguishing medium > 3 Kg or Litres), NA
Marking	As per clause 10.2 of IS	*

		15683 (latest)	
	Colour Coding Band (As per CL 10-1)	Blue (Powder)	*
	Presssure Gauge Range for Low-Pressure Extinguishers (Hint: must be $\leq 20$ and type 0 for High-Pressure Extinguishers)	15	*
	<b>Class of fire for which Fire Extinguisher is suitable</b>	Class -A	Class -A, Class -B, Class -C, Class -D, Class -E, Class -F, NA
Performance	Operating Temperature ( $^{\circ}\text{C}$ )	$-30^{\circ}\text{C}$ to $+60^{\circ}\text{C}$	*
	Test Pressure for all Fire extinguisher except CO2 (Hint: must be $\geq 35$ and type 0 for CO2 based Fire Extinguishers)	35	*
	Burst Pressure for all Fire extinguisher except CO2 (Hint: must be $\geq 55$ and type 0 for CO2 based Fire Extinguishers)	55	*
	<b>Minimum Effective discharge time for Fire Extinguisher</b>	13	Above 8
	<b>Fire Rating of different class of fires (Hint: Higher is better)</b>	70B	*
	Discharge Range of Class-A and Class-B Fire Extinguisher (As per table 1 of CL 7-2-2) (Hint : $\geq 2$ in case applicable on Class-A or Class A & B both / $\geq 1$ in case applicable on Class-B only)	2.5	*
Certification	BIS Marking	Yes	*
	CM/L No With Validity Period	-	*
	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Availability of Test Report from NABL accredited Laboratory	*
	Test Report No	-	*
	Test Report Date	-	*
	Name of the lab	-	*
	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	SAMIR KUMAR DAS	700064,EB BLOCK, LABONI, SECTOR-I, SALT LAKE, KOLKATA	4	15

## 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.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.
- 3.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 5.**Inspection of Stores by Inspection Authority of buyer or their authorised Inspecting officers / empanelled inspection agency or their representatives**  
An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components , solutions and documentation conform to contractual requirements. If an institutional buyer like Defense , Railways and MHA etc desires to appoint / nominate their own inspection authority / empanelled inspection agency for inspection of stores to be supplied against the contract , buyer can select this clause indicating cost of inspection in term of percentage which is 0 %. As per the contractual provisions / law , the buyer has a right before payment or acceptance to inspect goods at any reasonable place as indicated in contract and time and in any reasonable manner. When the seller is required or authorized to send the goods to the buyer, the inspection may be after their arrival. Expenses of inspection should be borne by the buyer but may be recovered from the seller if the goods do not conform to contractual specification and are rejected. Initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if store complies to contractual specification etc , on production of payment receipt issued by inspection agency as applicable.  
Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place where inspection is offered and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer , all reasonable facilities and such accommodation as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply . The decision of the purchaser/inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.  
The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.  
The seller shall also provide , and deliver for test, free of charge, at such place other than his premises as the Inspecting officer may specify such material or stores as he may require for tests for which seller does not have the facilities or for special/ independent tests.  
In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises ,the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.  
Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification . The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer ..  
Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller .  
Inspecting officer is the Final Authority to Certify Performance / accept the consignment . The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.  
The seller shall if so required at his own expense mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.
- 6.ISO 9001: The bidder must have ISO 9001 certification.
- 7.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.
- 8.Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
- 9.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.
- 10.Warranty period of the supplied products shall be 5 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---**