

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)	15 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of School Education And Literacy
Organisation Name	Kendriya Vidyalaya Sangathan (kvs)
Office Name	Singrauli
Total Quantity	1
Item Category	Power sprayer
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *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

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Power Sprayer (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Material and Dimensional Parameters	Tank material	PE Plastic	PE Plastic, HDPE, MS, SS
	Pump material	Brass alloy	Brass alloy, Aluminum alloy
	Pump body material	Cast Iron	*
	Nozzle material	Brass	Brass, SS
	Hose pipe material	Nylon	Nylon, PVC
	Hose pipe diameter in mm	5	5, 8.5, 10, 13, 15, 19
	Hose pipe length in meter	2	*
	Weight of power sprayer in kg	4	*
Performance Parameters	Purpose	It is used to spray the chemical to crops or field covering large area with help power operated pump & nozzle	It is used to spray the chemical to crops or field covering large area with help power operated pump & nozzle
	Type of pump used	Reciprocating pump	Rotary vane pump, Reciprocating pump
	Tank Capacity in liter	15	*
	Tank type	Manual back Carrying	Manual back Carrying, Tractor hydraulic mounted, On wheel trolley mounted
	Power source	Battery	Petrol engine, Diesel engine, Battery, Electricity, Solar, Tractor PTO
	Number of stroke in petrol/diesel engine	N/A for Battery/Solar/Electricity/tractor PTO	2 Stroke, 4 Stroke, N/A for Battery/Solar/Electricity/tractor PTO
	Cooling mechanism of engine	N/A for Battery/Solar/Electricity/tractor PTO	Air cooled, Water cooled, N/A for Battery/Solar/Electricity/tractor PTO
	Number of engine cylinder	N/A for Battery/Solar/Electricity/tractor PTO	1, 2, 3, 4, N/A for Battery/Solar/Electricity/tractor PTO

Availability of recoil starter in engine	N/A	Yes, N/A
Power required in hp	0.5 hp	0.5 hp, 1 hp, 1.5 hp, 2 hp, 3 hp, 5 hp, 7 hp, 10 hp
Number of piston in pump	1	1, 2, 3, 4
Number of sprayer nozzle port	1	1, 2, 3, 4
Pressure bearing capacity of hose pipe in Mega Pascal	2	2, 2.5, 3, 3.5, 4
Battery voltage in volt	12 V	*
Battery current in Ampere hour	8 Ah	*
Charging time for battery in hour	3	2, 3, 4, 5, 6, N/A for Engine operated
Spraying time after full charging in hour	3	2, 3, 4, 5, 6, N/A for Engine operated
Pump discharge capacity in LPM	3.5	2, 2.5, 3, 3.5, 4, N/A for Engine operated
Availability of pressure regulator	Yes	*
Availability of by pass cum pressure regulator valve	Yes	*
Type of regulator valve	Half Inch Cock valve	*
Facility to wound up long hose pipe	Yes	*
Warranty in years	1	1, 2, 3, 4
Sprayer should have minimum vibration during operation	Yes	*
Noise level of rotavator in db on full load	75	*
Sprayer frame and body must be Rust Proof	Yes	*
Facility of easily service to product	Yes	*
Product instruction manual shall be supplied	Yes	*
Standard Tool Kit for maintenance and Trouble Shooting to be	Yes	*

	provided		
	Demonstration of equipment and training to be provided after completing supplies before Acceptance	Yes	*
Reports	Availability of ISO certification of manufacture	No	Yes, No
	ISO Certification Number, Issue date, Validity & If ISO certification not available may indicated N/A	-	*
	Copies of certifications to be furnished 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 Officer	Address	Quantity	Delivery Days
1	Umesh Sharma	486889, KENDRIYA VIDYALAYA SINGRAULI MORWA NEAR BSNL OFFICE	1	15

Bid Specific Additional Terms and Conditions

1. ISO 9001: The bidder must have ISO 9001 certification.

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

---Thank You---