

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 12:00:00
Bid Opening Date/Time	20-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Nuclear Power Corporation Of India Limited
Office Name	Kaiga Karnataka
Total Quantity	2
Item Category	Power sprayer
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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 ( 2 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Material and Dimensional Parameters	<b>Tank material</b>	HDPE	HDPE
	<b>Pump material</b>	Brass alloy	Brass alloy, Aluminum alloy
	Pump body material	Cast Iron	*
	<b>Nozzle material</b>	Brass	Brass
	<b>Hose pipe material</b>	Nylon	Nylon
	<b>Hose pipe diameter in mm</b>	10	10
	<b>Hose pipe length in meter</b>	3	3
	Size of power sprayer (L x W x H) in mm x mm x mm	10	*
	Weight of power sprayer in kg	8	*
Performance Parameters	<b>Purpose</b>	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
	<b>Type of pump used</b>	Reciprocating pump	Reciprocating pump
	<b>Tank Capacity in liter</b>	15	15
	<b>Tank type</b>	Manual back Carrying	Manual back Carrying
	<b>Power source</b>	Battery	Battery
	<b>Number of stroke in petrol/diesel engine</b>	N/A for Battery/Solar/Electricity/tractor PTO	2 Stroke, 4 Stroke, N/A for Battery/Solar/Electricity/tractor PTO
	<b>Cooling mechanism of engine</b>	N/A for Battery/Solar/Electricity/tractor PTO	Air cooled, Water cooled, N/A for Battery/Solar/Electricity/tractor PTO
	<b>Number of engine cylinder</b>	N/A for Battery/Solar/Electricity/tractor PTO	1, 2, 3, 4, N/A for Battery/Solar/Electricity/tractor PTO
	<b>Availability of recoil starter in engine</b>	Yes	Yes, N/A
	<b>Power required in hp</b>	1.5 hp	1.5 hp
	<b>Number of piston in pump</b>	1	1
	<b>Number of sprayer</b>	1	1

	<b>nozzle port</b>		
	<b>Pressure bearing capacity of hose pipe in Mega Pascal</b>	3.5	3.5
	Battery voltage in volt	12 V	*
	Battery current in Ampere hour	12 Ah	*
	<b>Charging time for battery in hour</b>	3	2, 3, 4, 5, 6, N/A for Engine operated
	<b>Spraying time after full charging in hour</b>	3	2, 3, 4, 5, 6, N/A for Engine operated
	<b>Pump discharge capacity in LPM</b>	4	4
	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	*
	<b>Warranty in years</b>	1	1
	Sprayer should have minimum vibration during operation	Yes	*
	Noise level of rotavator in db on full load	15	*
	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 provided	Yes	*
	Demonstration of equipment and training to be provided after completing supplies before Acceptance	Yes	*
Reports	<b>Availability of ISO certification of manufacture</b>	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	Praveen Kumar Lagudu	581400, Plant Site, Kaiga Generating Station, PO: Kaiga	2	30

### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

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

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