

Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 13:00:00
Bid Opening Date/Time	21-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Mines
Department Name	Materials
Organisation Name	National Aluminium Company Limited, Bhubaneswar
Office Name	Materials
Total Quantity	60
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 (60 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
	Pump material	Brass alloy	Brass alloy
	Pump body material	Cast Iron	*
	Nozzle material	SS	SS
	Hose pipe material	PVC	PVC
	Hose pipe diameter in mm	5	5
	Hose pipe length in meter	2	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	Reciprocating pump
	Tank Capacity in liter	15	15
	Tank type	Manual back Carrying	Manual back Carrying
	Power source	Battery	Battery
	Number of stroke in petrol/diesel engine	N/A for Battery/Solar/Electricity/tractor PTO	N/A for Battery/Solar/Electricity/tractor PTO
	Cooling mechanism of engine	N/A for Battery/Solar/Electricity/tractor PTO	N/A for Battery/Solar/Electricity/tractor PTO
	Number of engine cylinder	N/A for Battery/Solar/Electricity/tractor PTO	N/A for Battery/Solar/Electricity/tractor PTO
	Availability of recoil starter in engine	N/A	N/A
	Power required in hp	0.5 hp	0.5 hp
	Number of piston in pump	1	1
	Number of sprayer nozzle port	1	1
	Pressure bearing capacity of hose pipe in Mega Pascal	2	2
	Battery voltage in volt	12 V	*
	Battery current in Ampere hour	8 Ah	*

	Charging time for battery in hour	2	2
	Spraying time after full charging in hour	3	3
	Pump discharge capacity in LPM	3.5	3.5
	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
	Sprayer should have minimum vibration during operation	Yes	*
	Noise level of rotavator in db on full load	80	*
	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	Availability of ISO certification of manufacture	Yes	Yes
	ISO Certification Number, Issue date, Validity & If ISO certification not available may indicated N/A	-	*
	Copies of certifications to be furnished to	Yes	*

	buyer on demand at time of supplies		
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* 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	USHNA RANJAN MISHRA	759145,PURCHASE DEPARTMENT, NALCO SMELTER PLANT, NALCO NAGAR	60	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---