

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 14:00:00
Bid Opening Date/Time	20-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Nuclear Power Corporation Of India Limited
Office Name	Rajasthan
Total Quantity	5
Item Category	Submersible Pump Set Three Phase
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.

Submersible Pump Set Three Phase (5 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENRIC	Conformity to Indian Standrad for Submersible Pump Set	ISI Marked Submersible Pumpsets to IS:8034 latest for use in borewells for handling clear cold water having ISI Marked motor to IS:9283 latest of wet type for continuous rating synchronous,Cat egory-B,Duty Type-S1	*
	Bore Size	150	*
	Delivery Size	80	*
CONSTRUCTION	Nos of Stages for submersible pump	8	*
	Pump shaft	Stainless steel grade X 04 Cr 12 / X 12 Cr 12 / X 20 Cr 13 of IS 6603	*
	Shaft Sleeve	Bronze grade LTB 2,3,4 or 5 of IS 318	*
	Suction Casing	Cast iron grade FG 200 of IS 210	*
	Casing wear ring (if provided otherwise choose N/A)	Bronze grade LTB 2,3,4 or 5 of IS 318	*
	Bush	Bronze grade LTB 2,3,4 or 5 of IS 318 or Nitrile/ cutless rubber	*
	Discharge casing (if provided otherwise choose N/A)	N/A	*
	Impeller	Stainless steel grade X 12 Cr 12 of IS 6911 or IS 6603	*
	Maximum outer diameter of the pumpset including the cable guard	1	*
	Details of Power Supply	Three Phase,415 V +6 %,-15%Volts,50Hz±3% Hz	*
	Type of motor	ISI Marked to IS:9283 latest of wet type for continuous rating synchronous ,Type B,Duty Type-S1	*

	Numbers of poles of motor	2 pole	*
	Motor rating	7.5	7.5
	Maximum current at rated voltage and frequency	19.5	19.5
	Control Pannel with starter, ISI marked MCB /main switch, ammeter, voltmeter and water level indicator and single phase preventer	Yes	*
	Non return valve	Yes	*
	Erection clamp	Yes	*
	ISI marked submersible cable 4 core flat with Copper conductor to IS: 694	4	*
PERFORMANCE	Discharge capacity (LPS)	3.33	3.33
	Discharge Head	120	120.0
	Speed of Pump (rpm)	2150	*
	BEE Energy Star Rating	3 Star	*
	Overall Efficiency of Submersible Pump Set at duty point (%)	27	*
	Performance Factor of the Pump Set	≥ 1.10 & < 1.15 for 3 star	*
	Weight of Pump set	70	*
CERTIFICATION	BIS CM/L number and validity of ISI marked Submersible Pump Set	-	*
	Availability of Type Test Report to prove conformity of parameters to the specification from any ILAC/NABL accredited/Central Govt lab	-	*
	Test certificate No and date	-	*
	Name of the Lab where test Conducted	-	*
	Test Report to be furnished to the buyer on demand	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	Gyan Mal Khatik	323303,Contracts & Material Management, Rawatbhata Rajasthan Site, Anushakti Via-Kota (Rajasthan) Phone No. 01475-242002, 242048 Which is about 60 Kms. away from Kota.	5	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 25% of total value.

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

---Thank You---