

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 14:00:00
Bid Opening Date/Time	25-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Metro Railway, Kolkata.
Total Quantity	10
Item Category	Self Priming Centrifugal Pump
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.

MSE Purchase Preference

MSE Purchase Preference	Yes
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1. 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.

Self Priming Centrifugal Pump (10 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Application	Centrifugal Pump for handling various types of liquids other than clear,cold and fresh water, Handling chemicals, effluents, sewage, ash-water. De-watering foundation, trenches and pits. Flood water handling. Pumping water from docks, ports, vessels. De-watering from basements, multi-storeys, shopping malls, godowns. Cooling water for marine engines and shovels	*
	Pump Specification	Rotodynamic Special purpose pumps in compliance to IS 5120 Latest	*
	Pump Type	Self Priming Mono block Pump	Self Priming Bare shaft Pump, Self Priming Motor Coupled Pump, Self Priming Mono block Pump
	Size (Dia) of solids in liquid to be handled	40	*
	Suction Pipe size (Nominal)	40	40, 50, 80, 100, 150, 200

CONSTRUCTION	Delivery pipe size (Nominal)	40	40, 50, 63, 80, 100, 150, 200
	Speed in RPM	2760	1450, 2760, 2900
	Casing	Robust in construction and tested to withstand a hydrostatic pressure of 1.5 times of maximum discharge pressure experienced	*
	Casing Ring	Yes	*
	Bearing Cover	Yes	*
	Bearing pedestal	Yes	*
	Deflector	Stainless Steel as per AISI - 316L	*
	Grease Nipple	Yes	*
	Impeller Diameter	120	*
	Impeller Key	Yes	*
	Impeller nut	Yes	*
	Mechanical seal, rotating element	Yes	*
	Mechanical seal, stationary element	Yes	*
	Non Return valve housing	Yes	*
	Pump Shaft	Stainless Steel	*
	Impeller Type	Non clog impeller to handle suspended soft solids	*
	Impeller Material	Cast Iron	Stainless Steel as per AISI - 316L, Cast Iron, Bronze
	Motor Body	Cast Iron	*
	Motor Type	AC Motor ISI Marked 1 Phase , 230 V \pm 10%, 50Hz \pm 3%Hz	AC Motor ISI Marked 1 Phase , 230 V \pm 10%, 50Hz \pm 3%Hz, AC Motor ISI Marked 3 Phase , 415 V \pm 10%, 50Hz \pm 3%Hz, NA
	Motor rating in KW (Write NA for Self Priming Bare shaft Pump) (in KW)	0.75	*
	Motor Enclosure	Totally enclosed drip proof	*
	Class of Insulation	B / F Class	*

	Degree of Protection	IP 44	*
	Weight of the Bare shaft/ Motor Coupled/ Monoblock Pump	20	*
PERFORMANCE	Discharge Capacity in litres/second (LPS)	3	*
	Total Head	24	*
CERTIFICATION	Availability of Type Test Report to prove conformity of declared parameters to the specification from any ILAC/NABL accredited/Central Govt lab as per specification	Yes	*
	Test certificate No and date	-	*
	Name of the Lab where test Conducted	-	*
	Test Report to be furnished to the buyer on demand	Yes	*
	Warranty Period	2	*

* 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	Shib Nath Das	700071,Metro Rail Bhavan,33/1, J L Nehru Road, Kolkata-700071	10	21

Bid Specific Additional Terms and Conditions

- For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - Execution certificate by client with order value.
 - Any other document in support of order execution like Third Party Inspection release note, etc.

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

---Thank You---