

### Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 15:00:00
Bid Opening Date/Time	24-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Railways
Organisation Name	Konkan Railway Corporation Limited
Office Name	O/o Controller Of Stores
Total Quantity	1
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
Document required from seller	OEM Authorization Certificate *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
Estimated Bid Value	38000

### 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 ( 1 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	50	*
CONSTRUCTION	Nos of Stages for submersible pump	10	*
	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)	N/A	*
	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	146	*
	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	*
	<b>Motor rating</b>	3.7	3.7
	<b>Maximum current at rated voltage and frequency</b>	10	10.0
	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	3	*
PERFORMANCE	<b>Discharge capacity (LPS)</b>	2.5	2.5
	<b>Discharge Head</b>	100	100.0
	Speed of Pump (rpm)	2800	*
	BEE Energy Star Rating	5 Star	*
	Overall Efficiency of Submersible Pump Set at duty point (%)	38	*
	Performance Factor of the Pump Set	>= 1.20 for 5 star	*
	Weight of Pump set	80	*
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	*
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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	Kasi Malleswara Bh aradwaja Kalamraju	403601, SENIOR MATERIALS MANAGER STORES DEPOT QUEPEM ROAD OPP ESI HOSPITAL MADGAON GOA 403601 GSTIN :30AAACK3725H1Z1 PHONE 0832 2704054	1	15

#### **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

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

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