

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 11:00:00
Bid Opening Date/Time	24-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Indian Ordnance Factories
Office Name	*****
Total Quantity	200
Item Category	HYDRAULICALLY REGULATED DOOR CLOSERS
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.

HYDRAULICALLY REGULATED DOOR CLOSERS (200 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Specification for Door closers	Conforming to IS 3564 - As amended upto date : attached at QR/Spcn	*
	Configuration	Exposed type hydraulically regulated door closers for vertical hinge type doors opening to one side only and not weighing more than 80 kgs	*
	Types of door closers	Tubular type (Type B)- As per Fig. 3 and 4 of governing specification	Bottle type (Type A) - As per Fig. 1 and 2 of governing specification, Tubular type (Type B)- As per Fig. 3 and 4 of governing specification
	Main components of door closers	As mention in Fig. 1,3 and 4 of governing specification	*
	Nominal sizes of door closers	Designation of closer: 3 - for main doors in a building such as entrance doors (Mass of door 61 to 80 Kgs	Designation of closer: 1 - for light doors such as double leaved and toilet doors (Mass of door up to 35 Kgs and width of door up to 700 mm), Designation of closer: 2 - for interior door such as of bed room, kitchen and store (Mass of door 36 to 60 Kgs and width of door 701 to 850 mm), Designation of closer: 3 - for main doors in a building such as entrance doors (Mass of door 61 to 80 Kgs
	Scope of supply	Assembled Ready to Use	Assembled Ready to Use, Knocked Down to be Assembled at Consignee Site by the Seller, Knocked Down to be Assembled at Consignee Site by Consignee Himself
	Accessories -must be supplied with each closer	One fitting key or a suitable spanner for adjusting the spring	*

		valve and regulating screw alongwith leaflet furnishing instructions for installation	
	Type of Closer (based on direction of the opening of door)	Universal Closer (suitable for both anti-clockwise and clockwise doors without any change in the parts of closer)	Left Closer (for Clock wise Door), Right Closer (for Anti-clock wise door), Universal Closer (suitable for both anti-clockwise and clockwise doors without any change in the parts of closer)
	Closing time of regulating screw	10 Secs	5 Secs, 10 Secs, 15 Secs, 20 Secs
	Hydraulic oil filling shall work	Satisfactorily (at all temperature between 50 degree Centigrade and (-) 10 Degree Centigrade without requiring any change except adjustment of the regulating screw	*
	Checking of performance requirements	After 15 Minutes of its conditioning - at the range of test the closer shall show no defects or leakage of oil	*
	Profile use for Fitting Main arm to Shaft	By profile of any other suitable shape	*
	Provision for securely fixing the door closer	To the door frame and to the door panel	*
	Provision for carrying out repairs - such as replacement of broken spring, oil seal etc	Nut / Top Lid of the assembly shall be fixed firmly on to the body and its shall be possible to remove the same whenever necessary	*
	Capability of closer to regulate the speed	By extending spring or adjustment in control valve screw	*
MATERIAL FOR COMONENT PARTS	Non-porous body and back plate	Aluminium alloy confmg. to IS 617 : latest	Cast iron confmg. to IS 210 : latest, Aluminium alloy confmg. to IS 617 : latest, Zinc alloy confmg. to IS 742 : latest
	Torsion spring helcal spring	Steel confmg. to IS 2507 : latest	Steel confmg. to IS 4454 (PART 2) : latest, Steel confmg. to IS 2507 : latest

Nuts	Steel confmg. to IS 7283 : latest	Cast iron confmg. to IS 210 : latest, Steel confmg. to IS 7283 : latest, Brass confmg. to IS 292 : latest
Piston or Rack-piston/pinion	Steel aluminium alloy confmg. to IS 7283 : latest	Cast iron confmg. to IS 210 : latest, Steel aluminium alloy confmg. to IS 7283 : latest, Aluminium alloy confmg. to IS 617 : latest, Zinc alloy confmg. to IS 742 : latest
Packing / Washers	Neoprane rubber	Cork sheet confmg. to IS 4253 (Part 1) : latest, Nylon, Neoprane rubber
Control valve screw	Steel confmg. to Grade A of IS 2062 : latest	Brass confmg. to IS 292 : latest, Bronze confmg. to IS 28 : latest, Aluminium alloy confmg. to IS 617 : latest, Steel confmg. to Grade A of IS 2062 : latest, Zinc alloy confmg. to IS 742 : latest
All weather resistant homogeneous high viscosity hydraulic fluid	Hydraulic Oil confmg. to IS 3098 : latest	*
Adjusting Arm	Zinc alloy confmg. to IS 742 : latest	Aluminium alloy confmg. to IS 617 : latest, Steel confmg. to IS 7283 : latest, Zinc alloy confmg. to IS 742 : latest, Forged steel confmg. to IS 1875 : latest
Main Arm	Zinc alloy confmg. to IS 742 : latest	Aluminium alloy confmg. to IS 617 : latest, Steel confmg. to IS 7283 : latest, Zinc alloy confmg. to IS 742 : latest, Forged steel confmg. to IS 1875 : latest
Clamp	Cast iron confmg. to IS 210 : latest	Cast iron confmg. to IS 210 : latest, Steel confmg. to IS 7283 : latest, Forged steel confmg. to IS 1875 : latest

	Concentric ratcher (For bottle type)	N.A	Steel confmg. to IS 7283 : latest, Aluminium alloy confmg. to IS 617 : latest, Zinc alloy confmg. to IS 742 : latest, N.A
	Eccentric shaft	Steel confmg. to IS 7283 : latest	*
	Internal bearing and gland	Steel confmg. to IS 7283 : latest	Cast iron confmg. to IS 210 : latest, Brass confmg. to IS 292 : latest, Steel confmg. to IS 7283 : latest, with Washer made out of mineral oil resistant material
	Main arm bolt	Steel confmg. to IS 7283 : latest	*
	Top nut	Steel confmg. to IS 7283 : latest	*
	Pawl	Steel confmg. to IS 7283 : latest	Steel confmg. to IS 7283 : latest, Brass confmg. to IS 292 : latest
	Top lid	Aluminium alloy confmg. to IS 617 : latest	Steel sheet confmg. to IS 513 : latest, Aluminium alloy sheet confmg. to IS 737 : latest, Cast iron confmg. to IS 210 : latest, Zinc alloy confmg. to IS 742 : latest, Aluminium alloy confmg. to IS 617 : latest
FINISHING	Finish of door closer	Be anodized and thickness of anodic coating shall not be less then Grade AC 15 of IS 1868 - Latest (In case of aluminium body)	Be polished and finished with lacquer in colours, Be painted and finished with lacquer in colours, Be anodized and thickness of anodic coating shall not be less then Grade AC 15 of IS 1868 - Latest (In case of aluminium body)
	Finish of mild steel parts	As per Clouse 9.2.1 and 9.2.2 of governing specification	*
MARKING	Marking on each closer	Manufacturer's name or trade-mark - Right	*

		closer - left closer - universal closer - 'R' - 'L' - 'U' respectively - Size of the closer - Type of the closer - Serial number	
PACKING	Packing	Packed in individual card board with reinforcing board / straw - to prevent damage to painting	*
WARRANTY	Warranty period	1 - Year	1 - Year, 2 - Years, 3 - Years
CERTIFICATION	Criteria for conformity - for construction - finish - dimension - Interchangeability of parts and performance test	As per clause 14.3 of governing specification	*
	ISI Mark	Yes	Yes, No
	BIS Licence No (Write NA if not applicable)	-	*
	Test reports in respect of to be furnished to buyer's on demand	No	Yes, No
	OEM of offered product is ISO 9001:2015 certified	No	Yes, No
	OEM of offered product is ISO 14001:2015 certified	No	Yes, No
	OEM of offered product is ISO 18001:2007 certified	No	Yes, No

* 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

QR/Spcn document	View
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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****CHANDRAPUR	200	45

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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---