

### Bid Document

Bid Details	
Bid End Date/Time	01-07-2020 11:00:00
Bid Opening Date/Time	2020-07-01 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Northern Railway
Organisation Name	Stores
Office Name	Northern Railway
Total Quantity	4
Item Category	Ratchet Pipe Threader For Taper Pipe Threads
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Past Performance,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
Past Performance	20 %
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.

1. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Ratchet Pipe Threader For Taper Pipe Threads ( 4 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standard Performance	<b>Conformity to Standard</b>	As per IS 16176 : 2014 with latest amendments	As per IS 16176 : 2014 with latest amendments
	<b>BIS marked</b>	No	Yes, No
	If BIS marked Yes indicate BIS licence number otherwise put N/A	-	*
Performance Parameter	<b>Purpose</b>	It is a mechanical device used to cut taper external threads on pipes by allowing rotary motion in one direction during threading while freely moving in the opposite direction	It is a mechanical device used to cut taper external threads on pipes by allowing rotary motion in one direction during threading while freely moving in the opposite direction
	<b>Suitability for Pipe</b>	Stainless Steel Pipe	Carbon Steel Pipe, Stainless Steel Pipe
	Thread Type	BSPT (British Standard Pipe Taper)	*
	Hardness of Chaser	62.5 to 67 HRC for High Speed tool Steel for Stainless steel pipe	*
	<b>Thread per Inch (TPI)</b>	11	14, 11
	<b>Number of Chasers</b>	6	4, 6
	<b>Warranty in years</b>	1	1, 2, 3, 4, 5
	The die head body should be octagonal or ribbed or geared in shape inside to fit its	Yes	*

	counter part in ratchet handle		
	Ratchet mechanism shall be reversed for the purpose of unscrewing of die from the pipe after threading	Yes	*
	Provision of locking pin for ratchet action	Yes	*
	Ratchet pipe threader should be in smooth finishing & free from manufacturing defect ,flaws cranks,rust,burrs etc	Yes	*
	Ratchet pipe threader should be marked with manufacturer name and or trade mark	Yes	*
	Ratchet pipe threader should be coated with suitable rust proofing material	Yes	*
Dimensional & Material Parameter	<b>Nominal Size in Inch</b>	1/2	*
	<b>Minimum Die Head Bore Size in mm</b>	21.5	*
	<b>Maximum Die Head Diameter in mm</b>	82	73, 82, 105, 115, 165, 175, 195, 250, 260
	<b>Length of Die Head in mm</b>	70	65, 70, 100, 120, 150, 155
	<b>Die Head Collar thickness in mm</b>	35	30, 35, 50, 55, 60
	Material for Die head Body & Ratchet Handle body	Cast Iron of Grade FG210 or SG 450/10 or SG 500/7	*
	Cup Material	Grade SG 450/10 or SG 500/7 or Grade 1 or 2 or Grade CR1/ CR2/ CR3 Steel	*
	<b>Chaser Material</b>	High Speed Tool steel for Stainless steel Pipe	Tool & die Steel for Carboon Steel Pipe, High Speed Tool steel for Stainless steel Pipe
	Lock pin Material	40C8 Cabon Steel	*
	<b>Minimum Gauge length of thread in mm</b>	12.7	11.4, 12.7, 14.5, 16.8, 23.2, 26.3, 32.3, 36.6
	<b>Minimum Chaser Thickness in mm</b>	5.3	5.3, 9.3

	<b>Maximum Chaser Height in mm</b>	30	20, 25, 30, 35, 38, 47, 50
	<b>Maximum Diameter of Handle body in mm</b>	115	95, 115, 160, 186, 257
	<b>Maximum Inner die of Handle body in mm</b>	95	55, 95, 140, 166, 225
	<b>Minimum Thickness of Handle Body in mm</b>	40	32, 40, 50
	<b>Handle Height in mm</b>	155	125, 155, 275, 310, 450
	<b>Minimum Diameter of Lever in mm</b>	26	21, 26, 33, 41
	<b>Length of Lever in mm</b>	470	455, 470, 765, 910
	<b>Gripping Length in mm</b>	135	130, 135, 185, 190
	Weight of Ratchet pipe threader in kg	3	*
Reports	ISO certification to manufacturer	No	*
	ISO certification Number & issued date, If ISO certificate not available then put NA	-	*
	Availability of test report from central Govt/ NABL/ILAC accredited lab covering all parameters	No	*
	<b>Test Report Number, If no test report available put NA</b>	NA	Any applicable text(s)
	Test report date	-	*
	Name of the test lab	-	*
	Address of test lab	-	*
	<b>Copies of test Reports/certificates and other certifications to be furnished to buyer on demand at time of supplies</b>	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**

#### **Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Mayank Chaudhary	244102,SrDMM Moradabad	4	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---**