



BHARAT HEAVY ELECTRICALS LIMITED, JHANSI-284120

(A Govt. of India Undertaking)

Material Management

Mandatory Sheet for Enquiry No: E6500018

(Part-1)

**PRE QUALIFYING REQUIREMENT (PQR)
FOR HYDRAULIC SWAGING MACHINE AND TOOL.**

QUOTATION NO: DATE:

SUPPLIER'S NAME:

We have gone through all Special Remarks, Technical Specifications, "General Terms, and Conditions of Enquiry" and submitting offer as under:

SL	Particulars	Supplier's Confirmation								
1	HYDRAULIC SWAGING MACHINE AND TOOL. AS PER PURCHASE SPECIFICATION NO. LME/PUR/335 DT:26.09.17 REV.NO:OI REV.DT: 12.04.2018 SHEET 1 TO 3.	VENDOR TO CONFIRM								
2	Average Annual Financial turnover during the last three years,ending 31st March of the previous financial year, should be at least 4.0 lakhs approx. The bidder to fill the turnover details as per the format given below : <table><thead><tr><th>Financial Year</th><th>To be filled by Bidder Turnover (lakhs)</th></tr></thead><tbody><tr><td>2018-19</td><td></td></tr><tr><td>2017-18</td><td></td></tr><tr><td>2016-17</td><td></td></tr></tbody></table> As evidence of the above information ,bidder to attach copy of Balance sheets including Profit & Loss statement,audited by CA. In case last year balance sheet is not audited ,un-audited balance sheet of last financial year should be enclosed along with certificate of CA.	Financial Year	To be filled by Bidder Turnover (lakhs)	2018-19		2017-18		2016-17		VENDOR TO FURNISH (Copy should encl.)
Financial Year	To be filled by Bidder Turnover (lakhs)									
2018-19										
2017-18										
2016-17										
3	Experience: Name of the customer / company where minimum 1 no. HYDRAULIC SWAGING MACHINE AND TOOL are supplied in last 10 years from the date of enquiry. (Copy of purchase order/Tax Invoice/Performance/Commissioning/Acceptance certificate to be furnished)	VENDOR TO FURNISH								
4	Complete postal address of the customer.	VENDOR TO FURNISH								
5	Year of supplying / commissioning.	VENDOR TO FURNISH								
6	Name and designation of the contact person of the Customer with Phone. FAX, no and E-mail address of the contact person.	VENDOR TO FURNISH								
7	Capabilities of personnel,Equipment and Manufacturing facilities.	VENDOR TO FURNISH								
8	Self certificate/Declaration that mansion bidder is not suspended by BHEL Jhansi or any Unit/Office of BHEL or any other Government organization ,and bidder is not guilty by court of law in India for any offence involving fraud,dishonesty and moral turpitude.	VENDOR TO FURNISH								
9	PAN number,GSTIN number etc.	VENDOR TO FURNISH								
10	BHEL reserve the right to verify information submitted by vendor. In case the Information is found to be false / incorrect, the offer shall be rejected.	VENDOR TO CONFIRM								

Sign of Authorized Signatory & Company's Seal :

Contact Detail: Name Cell No.: E-mail:



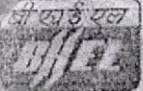
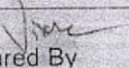
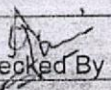
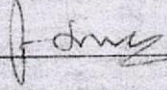
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 LME: 012: C		LOCOMOTIVE ENGINEERING DEPTT. PURCHASE SPECIFICATION		LME/PUR/335 ISSUE DT: 26.09.17 REV. NO: 01 REV. DT: 12.04.18 SHEET 1 OF 3	
<u>PURCHASE SPECIFICATION FOR SWAGING FACILITY TO SWAGE DOUBLE FERRULES FITTINGS ON TUBES FOR WAG-9H ELECTRIC LOCOMOTIVE</u>					
Enclosures:					
Rev.	Date	Prepared	Rev.	Date	Prepared
1	12.04.18	Approved			Approved
Specification updated.					
Rev.	Date	Prepared	Rev.	Date	Prepared
		Approved			Approved
Distribution : Loco Prod. (001) Loco PPC (002) Loco QC (003) Tech. (004) CQX (005)					
Prepared By 		Checked By 		Approved By 	

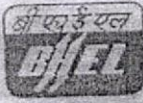
Sign of Authorized Signatory & Company's Seal :

Contact Detail: Name Cell No.: E-mail:

**BHARAT HEAVY ELECTRICALS LIMITED, JHANSI-284120**

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Material Management**Mandatory Sheet for Enquiry No: E6500018****(Part-1)**

 LME: 012: C	LOCOMOTIVE ENGINEERING DEPTT.	LME/PUR/335
	PURCHASE SPECIFICATION	ISSUE DT: 26.09.17 REV. NO: 01 REV. DT: 12.04.18 SHEET 2 OF 3

1. Introduction

This specification covers the requirements for swaging facility needed in assembly shop for swaging double ferrule fittings on stainless steel tubes & copper tubes, used for brake piping in WAG-9H locomotive.

2. General Requirement

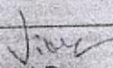
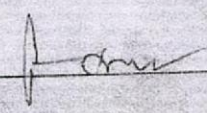
This swaging facility should be capable of swaging ferrules of double ferrule fittings on below mentioned stainless steel tubes and copper tubes used in air brake piping of WAG-9H locomotive.

SL NO.	MATERIAL	OUTER DIA (OD)	WALL THICKNESS (WT)	MATERIAL SPEC
1	STAINLESS STEEL TUBE	1-1/2" OD (Fractional size)	3.404 mm	ASTM A 269, GR-304
2	STAINLESS STEEL TUBE	1" OD (Fractional size)	2.108 mm	ASTM A 269, GR-304
3	STAINLESS STEEL TUBE	1/2" OD (Fractional size)	0.889 mm	ASTM A 269, GR-304
4	STAINLESS STEEL TUBE	22 mm OD (Metric size)	1.5 mm	ASTM A 269, GR-304
5	STAINLESS STEEL TUBE	15 mm OD (Metric size)	1.5 mm	ASTM A 269, GR-304
6	COPPER TUBE	1-1/2" OD (Fractional size)	1.651 mm	IS 2501-1995, HALF HARD (HB)
7	COPPER TUBE	1" OD (Fractional size)	1.651 mm	IS 2501-1995, HALF HARD (HB)
8	COPPER TUBE	1/2" OD (Fractional size)	1.245 mm	IS 2501-1995, HALF HARD (HB)

3. Scope of supply

Scope of supply should cover swaging facility for swaging double ferrule SS fittings & Brass fittings on above mentioned SS tubes & copper tubes respectively, which includes following items:

1. Swaging machine.
2. Dies.
3. Gap gauges.

Prepared By 	Checked By 	Approved By 
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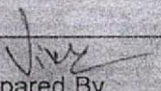
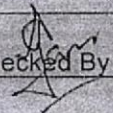
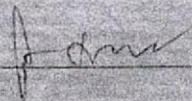
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4. Chamfer block 5. Pliers 6. Safety goggles. 7. Carrying case. 8. Support Base. 9. Manuals 10. Tube Deburring Tool 11. Any other item required for swaging of ferrules of double ferrule fittings on above mentioned stainless steel tubes and copper tubes, at BHEL Jhansi.		
 Prepared By	 Checked By	 Approved By

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(Part-1)

TECHNO-COMMERCIAL BID

QUOTATION NO: **DATE:**

SUPPLIER'S NAME:

We have gone through all Special Remarks, Technical Specifications, "General Terms, and Conditions of Enquiry" and submitting offer as under:

SL	Particulars	Supplier's Confirmation
1-	Complete acceptance for supply of items as per Purchase / Tech specification mentioned in the enquiry. Technical deviations, if any, are to be clearly brought out in offer itself. (Note: offers with technical deviations are liable for rejection)	☐ Accepted
2-	We confirm that our offer meets in Toto all the technical requirements as given in the enquiry item description, technical annexure & remarks of the tender.	☐ Accepted
3-	We agree that our bid is liable to be rejected in case (a) the relevant information at Sl. No. 2 is not filled, (b) documentation is incomplete, (c) there are false declarations.	☐ Accepted
4-	Acceptance to all special remarks and General Terms & Condition (GTC) of Enquiry (Rev-3) uploaded at: https://jhs.bhel.com/apps/sip/eng_terms/eng_tems_current.pdf (Note: Read the terms & condition carefully before quoting.)	☐ Yes
5-	Guarantee / Warrantee / Conformance / Test Certificate as specified in enquiry will be provided along with supply	☐ Yes
6-	Delivery period from date of PO issue.	Days
7-	Taxes & Duties: Extra as applicable & bidders to indicate following	☐ Accepted
	(a) Tarrif Head / HSN No.	
	(b) Applicable GST (mention NA if not applicable) : ☐ IGST OR : ☐ CGST & SGST Each	@ % @ %
8-	Price Bid submitted as per attached price bid format only (Copy of blank price bid is to be submitted with techno-commercial bid).	☐ Yes
9-	Acceptance to Delivery Terms on F.O.R BHEL Jhansi as per Clause-6(A) of GTC.	☐ Accepted
10-	Acceptance to Pricing Terms as per Clause-11 of GTC.	☐ Yes
11-	Acceptance for Prices on firm basis and no PVC is applicable.	☐ Accepted
12-	Acceptance to Price Validity of 120 days from date of bid Part-I opening.	☐ Yes
13-	Inspection of Goods to be done BY BHEL AT BHEL &/or as per Clause-16 (A to D) of GTC.	☐ Accepted

Sign of Authorized Signatory & Company's Seal :

Contact Detail: Name **Cell No.:** **E-mail:**

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14-	Acceptance to <u>LD / Penalty for Delayed Performance (including Risk Purchase) as per Clause-8 (A to C) of GTC.</u>	☐ Accepted
15-	Acceptance to <u>Payment Terms as per Clause-15 (A) of GTC.</u> Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate (as on date of Part I bid opening) + 6%, for the purpose of bid evaluation.	☐ Accepted ☐ 90 days ☐ MSME
16-	Acceptance to <u>Warranty, Corresponding Repairs / Replacement of Goods, and Deductions as per Clause-17(A) of GTC.</u>	☐ Accepted
17-	The above terms and conditions shall be read in conjunction with BHEL's standard terms and conditions of Enquiry. Wherever difference in terms and conditions is there, the terms and conditions mentioned in this mandatory sheet shall prevail.	☐ Accepted
18-	In case of deviation in acceptance given on this sheet from anywhere in your offer, acceptance given in this mandatory sheet shall be treated as final.	☐ Accepted
19	DETAIL TECHNICAL CATALOG FOR THE EQUIPMENT IS TO BE FURNISHED ALONG WITH OFFER	☐ Accepted
20	SHOP TRIAL & JOB PROVING / COMMISSIONING WILL BE REQUIRED AFTER PO BEFORE FINAL ACCEPTANCE AT OUR WORKS BHEL JHANSI.	☐ Accepted
21	TRAINING TO OUR EMPLOYEE FOR THE OPERATION OF THE MACHINE WITH IN 10 DAY AFTER ACCEPTANCE.	☐ Accepted
22	TEST CERTIFICATE AND OPERATION & MAINTENANCE MANUAL TO BE SUBMITTED ALONG WITH SUPPLY.	☐ Accepted
23	QUALIFYING CONDITION(Q.Rs)SHALL BE FOLLOWS:VENDOR MUST HAVE SUPPLIED SWAGING MACHINE TO ANY OTHER INDUSTRY IN THE LAST 10 YEARS FOR WHICH VENDOR HAS TO SUBMIT PERFORMANCE/COMMISSIONING/ACCEPTANCE CERTIFICATE.	☐ Accepted
24	VENDOR SHOULD BE ORIGINAL EQUIPMENT MANUFACTURE (OEM) OF SWAGING M/C OR SHOULD BE AUTHORIZED DEALER OF ORIGNAL MANUFACTURER (AUTHORISED DEALER CERTIFICATE FROM OEM TO BE SUBMITTED ALONG WITH OFFER).	☐ Accepted

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BLANK PRICE BID

Supplier Name & Address:
.....

Enquiry Item No.	Rate Per Unit (In Figure)	Rate Per Unit (In Word)
1	Quoted/ Not Quoted	Quoted/ Not Quoted

Note: The price bid submitted in any other fashion or by adding any condition (e.g. minimum order quantity, rates applicable for specified quantity, discount for quantity, rate based on slabs, rate based on terms of payment etc.), offer shall be straight way REJECTED even if, offer has been found technically & commercial acceptable before opening of price bid.

Sign of Authorized Signatory & Company's Seal :

Contact Detail: Name **Cell No.:** **E-mail:**



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Mandatory Sheet for Enquiry No: E6500018

(Part-2)

PRICE BID

Supplier Name & Address:
.....

Enquiry Item No.	Rate Per Unit (In Figure)	Rate Per Unit (In Word)
1		

Note: The price bid submitted in any other fashion or by adding any condition (e.g. minimum order quantity, rates applicable for specified quantity, discount for quantity, rate based on slabs, rate based on terms of payment etc.), offer shall be straight way REJECTED even if, offer has been found technically & commercial acceptable before opening of price bid.

Sign of Authorized Signatory & Company's Seal :

Contact Detail: Name **Cell No.:** **E-mail:**