



**MANDATORY TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS**

PQR/TGM/Press Tools/2017/01

TOOL & GAUGE MANUFACTURING

Rev. No.: 00

DEVELOPMENT OF PROSPECTIVE VENDORS FOR PROCUREMENT OF PRESS TOOLS

Rev. Dt.: 28/07/2017

Sht. 1 of 3 shts.

SL. NO.	DESCRIPTION OF PQR	VENDOR'S RESPONSE	
		COMPLIANCE (YES / NO)	SUPPORTING DOCUMENTS/ INFORMATION REQUIRED TO ACCEPT COMPLIANCE
1)	Only Press Tools Manufacturers can participate in tender	(Yes / No)	- Compliance statement along with list of lamination dies manufactured in past three year.
2)	Minimum Facilities required	(Yes / No)	- List of facilities as per Annexure-1 along with their specifications and real photographs.
3)	Supply capability -- The bidder should confirm that he has sufficient capability to supply 2-3 lamination dies to BHEL Bhopal in a year.	(Yes / No)	- Confirmation required
4)	Supply Experience in last 5 years.	(Yes / No)	- Proof of successful completion of orders of lamination dies (At least 3 in last five years, Value of each order shall be at least 10 lakh) - POs submitted shall be for lamination dies being used in press of capacity equal to or above 250 Tons. - Un-priced copy of POs or invoices to be submitted.

Distribution:	Date of Rev.00: 28/07/2017	Name	Signature
TGM MDX	Prepared by	Ashish Kr. Agrawal	<i>[Signature]</i>
	Checked by	S.J.Toppo	<i>[Signature]</i>
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BHEL BHOPAL			



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SL. NO.	DESCRIPTION OF PQR	VENDOR'S RESPONSE	
		COMPLIANCE (YES / NO)	SUPPORTING DOCUMENTS REQUIRED TO ACCEPT COMPLIANCE
5)	Technical Requirement of a Lamination Dies <ul style="list-style-type: none"> <li>▪ Parallelism &amp; Flatness of top &amp; bottom bolsters/plates shall be within 0.004 mm per 100 mm run.</li> <li>▪ Cutting elements of die &amp; punch shall be manufactured by High Carbon High Chromium (HCHCr) steel D2 grade or equivalent.</li> <li>▪ Burr level in desired punching shall not exceed as stated in DIN 9830 (Fine)</li> <li>▪ All flame cut material to be stress relieved before machining.</li> </ul>	(Yes / No)	- Confirmation required

**Note:**

- i) Clause by clause confirmation to PQR or signed & sealed copy of PQR symbolizing compliance to be submitted. Compliance to above pre-qualification requirements is mandatory. In absence of compliance to above requirements, vendor's offer is liable to be rejected.
- ii) BHEL reserves the right to verify the information submitted by the vendor or seek for clarification. In case the information submitted is found false or incorrect, the offer is liable to be rejected and the vendor is liable to be blacklisted.

**Changes due to revision**

First issue.

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**ANNEXURE-1**

**MINIMUM REQUIRED FACILITIES**

S.N.	Description Of Machine	Make	Size Of Job	Detailed Specification Attached
1.	Electric Discharge Machine (EDM)			(Yes / No)
2.	Jig Boring Machine			(Yes / No)
3.	CNC Lathe or Vertical Boring Machine			(Yes / No)
4.	Grinding Machine having dimensional accuracy within 0.01mm			(Yes / No)
5	High precision inspection facility for measuring dies and laminations			(Yes / No)

**ADDITIONAL FACILITIES (OTHER THAN ABOVE)**

S.N.	Description Of Machine	Make	Size Of Job	Detailed Specification Attached
1	Jig Grinding Machine (Optional)			(Yes / No)
2				
3				
4				
5				
6				

Please attach separate sheet for giving information about additional facilities, if required.

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