

Duly filled Technical Pre-Qualification Requirements to be submitted along with the offer by vendor

Ref No: TME/PQR/Shaft (Fully finished)

Dated: 15/02/2025

Technical Pre-Qualification Requirements (PQR) for "Shaft (fully finished)"

Vendor should comply with the following clauses in order to qualify for supply of Shaft (fully finished) (duly filled PQR shall be submitted along with the offer by vendor):

Cl. No.	Description	Vendor to comment	
		Complied / Not complied	Supporting relevant document to be submitted along with offer
1	Vendor shall supply "Shaft (fully finished)" as per drawing no. mentioned in enquiry, without any deviation.	Yes/No	Not required.
2	Vendor shall confirm compliance of QA plan no. QTM/Vendor QAP/Machined shaft/24-25/09 (latest revision).	Yes/No	Not Required
3	For verification of information furnished by vendor, additional documents proofs etc. may be required by BHEL. Vendor to confirm providing the same.	Yes/No	Not required.
Raw material requirements			
4	<p>(a) Vendor to confirm that raw material i.e. forged/ rolled shaft bar shall be from manufacturer listed in annexure 'A'.</p> <p>Or</p> <p>(b) Vendor to confirm that raw material i.e. forged/ rolled shaft shall be from manufacturer having past experience of successfully manufacturing & supplying minimum 30 MT quantity of high tensile alloy steel bar having minimum diameter of 160 mm and yield strength of 800 N/mm² (minimum) & elongation of 12% (minimum). Complete/ part quantity out of 30 MT of high tensile alloy steel bar has to be supplied in preceding 5 years from date of enquiry.</p> <p>Vendor to ensure that documents submitted against (ii), (iv) & (v) shall correlate with the submitted PO copy. Document submitted against (iii) shall correlate with material specification mentioned in PO/drawing.</p>	<p>(a) Yes/ No</p> <p>Or</p> <p>(b) Yes/ No</p>	<p>(a) Not required</p> <p>Or</p> <p>(b) Following document of raw material manufacturer (duly stamped & signed by raw material manufacturer and vendor) shall be provided along with offer: (i) PO copies. (ii) Drawing/ Dimensional details of high tensile alloy steel bar. (iii) Material test certificate of supplied item from manufacturer or NABL test lab, computer generated/ duly sealed & signed. (iv) Supply proof i.e. invoice for supply of minimum 30 MT quantity. (v) Supply proof i.e. invoice for supply of complete/ part qty. in preceding 5 years from date of enquiry.</p>
5	In case vendor is not a raw material manufacturer, Vendor to confirm providing copy of invoice for raw material procurement (from sub-vendor meeting requirement as per clause '4') along with consignment of tendered item.	Yes/No	Not required
Machining requirements			
6	Experience Requirements		
	<p>Vendor should have past experience of supplying minimum 40 nos. fully finished stepped shaft. Out of 40 nos. atleast 1 no. shaft shall have length of 900 mm (min.) with any machined step of diameter 100 mm (min.) & taper grinding operation, in preceding 5 years from enquiry opening date.</p> <p>(Vendor to ensure that documents submitted against ii, iii) shall correlate with the submitted P.O. copy). If desired, price details in PO, invoice may be hidden.</p>	Yes/No	<p>i.PO copies.</p> <p>ii.Drawing of supplied item. (highlighted with length, diameter and taper)</p> <p>iii.Supply proof i.e. invoice.</p>

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7	Facility requirements		
	Machinist shall have following in-house CNC machining facility and experience (See note 1)		
	a) Machinist to confirm having CNC machine for turning operation suitable for holding job of min. 148 mm dia. and min. 1226 mm length available at its works.	Yes/No	Machinist to provide details (i.e. machining operation, model, make, year of commissioning, range, accuracy etc.) of CNC machine for turning operation suitable for holding, machining job of min. 148 mm dia. and min. 1226 mm length available at its works.
	b) Machinist to confirm having CNC machine for milling/ key-way cutting operation suitable for holding job of min. 148 mm dia. and min. 1226 mm length available at its works.	Yes/No	Machinist to provide details (i.e. machining operation, model, make, year of commissioning, range, accuracy etc.) of CNC machine for milling/ key-way cutting operation suitable for holding job of min. 148 mm dia. and min. 1226 mm length available at its works.
	c) Machinist to confirm having CNC machine for external (i.e. Outer diameter) grinding operation suitable for holding job of min. 148 mm dia. and min. 1226 mm length available at its works.	Yes/No	Machinist to provide details (i.e. machining operation, model, make, year of commissioning, range, accuracy etc.) of CNC machine for external grinding operation suitable for holding job of min. 148 mm dia. and min. 1226 mm length available at its works.

Notes:

- In case of vendor being a trader:**
 - The document of agreement with sub vendor i.e. machinist for machining. (Duly stamped and signed by vendor & sub vendor i.e. machinist). Document shall be valid at the time of tender opening date.
 - Vendor shall provide supporting relevant document of sub-vendor i.e. machinist. (Duly stamped and signed by vendor & sub vendor i.e. machinist).
- Compliance of all the points in above T-PQR is mandatory. In absence of compliance of above, vendor's offer is liable to be rejected.
- Information / compliance / documents submitted by vendor shall be authentic in all aspects. In case any deviation / false information / forged documents are observed, BHEL is free to initiate appropriate punitive proceeding against the supplier.

Important: This document is to be filled and submitted along with the offer. This document must be signed by authorized representative of the vendor and should contain the name of representative & seal of the company.

Annexure A			
Ref. : PQR no. TME/PQR/Shaft (Fully finished) dated 15/02/2025			
sl no.	SUPP NAME	Address	Contact details
1	ALKA FORGINGS	C-20, INDUSTRIAL AREA, BULAND SHAHAR ROAD, GHAZIABAD-201001 201001	MR. PRATAP SINGH / DILIP SINGH 01202700831 / 9811082879 alkaforgings@gmail.com, info@alkaforgings.com
2	ARM AND HAMMER FORGINGS PVT. LTD.	PLOT NO. 287, SECTOR - 58, BALLABGARH, FARIDABAD - 121004 (HR) 121004	MR. RAVI MANOCHA 129-2307197 / 9311111563 marketing@ahfpl.com, manocha@ahfpl.com,
3	BHARAT FORGE LIMITED	POST BOX NO.57 MUNDHWA POONA-1 411036	Sham Shinde 0212-671666 / 9922959863 sham.shinde@bharatforge.com, choith1938@gmail.com,
4	KISCO CASTINGS (INDIA) LTD.	GURU KI NAGARI, BHADLA ROAD, MANDI GOBINDGARH - 147302, DISTT. - FATEHGARH SHAHEB, (PUNJAB) 147302	Sanghita Jana 01765-256931 / 9999117348 kuldeep@kisco.in, raghav@kiscosteel.com, sales2@kiscosteel.com
5	P.K.ENGINEERING & FORGING (P) LTD.	P - 36, INDIA EXCHANGE PLACE, 4TH FLOOR, ROOM NO : 50, KOLKATA - 700001 700001	MR. SUNIL KUMAR AGARWAL 033-4064-9264 / 9830538888 info@pkforging.com, pkengineering75@gmail.com, pkengineering75@gmail.com
6	PUNJAB HAMMERS PVT.LTD.	PLOT NO. - 3, SEC - 18A, GT ROAD, PO BOX - 46, G T ROAD, SIRHIND SIDE, MANDI GOBINDGARH, PUNJAB 147301	VIKAS GARG +919914925121 / 1765500121 ps2md@punjabhammers.com, sales@punjabhammers.com, punjabhammers@gmail.com
7	STAR WIRE (INDIA) LTD	NA21/4 MILESTONE, MATHURA ROAD, BALLABHGARH, FARIDABAD (HARYANA) 121004	Mukesh Pundir 0129 4094200 / 9312678255 mukeshpundir@starwire.in, sanjeevmahajan@starwire.in, foundrymktg@starwire.in
8	STEEL AUTHORITY OF INDIA LTD	BRANCH SALES OFFICE, 4TH FLR SHREE MOHINI, 345-S.V.PATEL MARG,NAGPUR 440001	Mr Sandip Saha 0712-2527780/6654230 / 9404950613 sandip_saha@sail-steel.com, aspnagpur@yahoo.com, bmngas@sail-steel.com
9	SAURABH METALS PVT.LTD.	45, ANCILLARY INDUSTRIAL ESTATE, HABIBGANJ, BHOPAL - 462024 462024	SAURABH AGARWAL 2588574,2588610, / 9425303545 ho@saurabhmetals.com, saurabhmetals428@gmail.com,
10	SUPER FORGINGS & STEELS LTD.	6,LYONS RANGE KOLKATA- 700001 700001	NIBIR KUMAR AICH 033 26556377 / 9836303247 steel_sales@superforgings.net, nibirsl@yahoo.in, hirakganguly74@gmail.com
11	VIKRANT FORGE PVT. LTD.	2-B, SHYAM KUNJ, 12-C, LORD SINHA ROAD, KOLKATA - 700001 700001	MR. HEMANT SHARMA 033-22302179 / 09836710010 hemant@smithy.in,partha@smithy.in,