

Ref No: TME/PQR/IM4513/MSU Kit Rev.00

Dated: 09/04/2024

**Technical Pre-Qualification Requirements (PQR) for
“Suspension tube & component kit”**

Vendor should comply with the following clauses in order to qualify for supply of Suspension tube & component kit (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 suspension tube & component kit (MSU) as per drawing nos. & description mentioned in the enquiry.	Yes/No	Not Required
2	Vendor should be a Suspension Tube manufacturer for traction motors and not a trader.	Manufacturer/ Trader	Not Required
3	Vendor shall confirm compliance of QA plan no. TM12545 Rev.07.	Yes/No	Not Required
4	The vendor should have necessary CNC machining facility for finish machining of suspension tube & its assembly components.	Yes/No	Vendor to specify the machine for the operations. Details of step-by-step machining operations and the CNC machine to be used for each machining operation for manufacturing of Suspension Tube to be given in duly filled document no. “M&P/001 Rev.03” along with other details.
5	Vendor should have past experience of successfully manufacturing & supplying 12 nos. of any suspension tube of radiography level-2 (at end portions i.e. bearing/bearing housing sitting area) to Indian Railways/ traction motor manufacturers, in preceding 5 years from date of enquiry. Vendor to ensure that experience/supply proof submitted for b) & d) shall correlate with the submitted P.O. copy. Document submitted against c) shall correlate with drawing no/item description mentioned in PO.	Yes/No	a. PO copies. b. Drawing/Photo of supplied item. c. Radiography report. d. Supply proof i.e. invoice.

Notes:

1. 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.
2. Declaration by vendors regarding information / compliance submitted by vendor shall be correct in all respect. In case any deviation/false information is revealed later on, BHEL is free to initiate appropriate punitive proceeding as per prevalent processes and guidelines of company.

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.

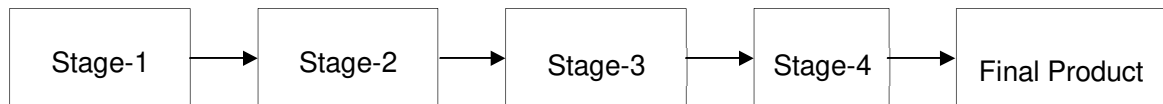
Date:

“Name of the firm”

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1.0 PROCESS FLOW CHART/DESCRIPTION OF STEPS OF MACHINING PROCESS:

1.1. Process Flow Chart indicating step-wise process of machining for suspension tube:-



Supplier's sign & seal

“Name of the firm”

1.2. Brief description of machining process mentioned in flow chart for suspension tube:-

TABLE-1

Sl. No.	Item Name	Name of the machining process step wise	Brief description of operation	In-house machine used for the operation (Details of machines serial wise shall be given in table 2)

Supplier’s sign & seal

“Name of the firm”

2.0 Brief details of machines mentioned in table 1 for suspension tube:-

TABLE-2

Sl. No.	Details of the M&P						
	Item Name	Machine Used	Model	Make	Year of commissioning	Range	Accuracy

Supplier’s sign & seal