

FORM TO BE FILLED BY IO WHILE CONVENING PRE-BID MEETING OF TSC.

File No. 14-VI/MK(1172-GTE)25PB/T-182

Date: 17.03.2026

Pre-bid Meeting (To be typed clearly by the I/O)

Name of Indentor. _____ Manoj Kumar _____

Indent No. _____ PR1010812025 _____

Item Description _____ Viscometer (Kinematic) _____

No. of Budgetary Quotes _____ Two _____

(1) A pre-bid meeting of TSC was held on 17.03.2026 one vender participated in the pre-bid meeting and their confirmation through email.

(2) Following queries were raised by participating Bidders:

Name of the Firm	Queries Raised	Remarks, if any
Anton Paar India Pvt. Ltd.	Nil	Nil

Indentor's recommendation

1. The comments, as received from bidders during PBC, and our response is as follows: **Nil**

Tender Specification and its number	Comment of bidder	Response of Indentor (Accepted/ Not accepted)	Revised specification (If any)	Justification for non-acceptance
NA	-	-	-	-

Final recommended specifications are as attached at Annexure 1 and signed by I/O:

Corrigendum to Tender may be issued/ may not be issued. **Nil**

Recommended Revised Date of Tender submission (if any) is Na

The specifications are generic and broad based. **Yes**

Submitted to TSC for necessary approvals.

FORM TO BE USED BY TSC FOR FINALISING PRE-BID MINUTES

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Date: 17.03.2026

TSC Minutes (To be typed clearly by the I/O)

Based on the Pre-bid meeting and recommendation of I/O, following changes have been made in the specifications:

Original Specifications	Final Specifications
As per Annexure 1	As per Annexure 1 (No Change)

The file is forwarded to Purchase Section for uploading the final specifications and TSC minutes on the website and CPPP Portal.

Declaration: We hereby declare that we have no conflict of interest with any of the bidder in this tender

Technical Specifications Viscometer (Kinematic)

Annexure-

1	The apparatus should conform to latest version of Test Methods "ASTM D7042 including repeatability requirements and calibration and same is required to be demonstrated at time of installation.
2	The apparatus should be capable of measuring Kinematic viscosity, Density, Dynamic Viscosity, in one single measuring cycle.
3	Temperature Range : (Min \leq 15 °C & Max \geq 100 °C)
4	Sample temperature should get controlled by built-in solid state Thermostat (Peltier elements).
5	Display: 10 inch or larger touch screen.
6	Display resolution : Viscosity in minimum 5 significant figures, Density in 0.0002 gm/cm ³ , Temperature in 0.005°C or better.
7	Measuring Range:
7a	Kinematic Viscosity: (Min \leq 0.5 & Max \geq 30,000 cst)
7b	Dynamic Viscosity : (Min \leq 0.5 & Max \geq 30,000 mpas)
7c	Density: (Min \leq 0 & Max \geq 3 g/cm ³)
8	Test Result Repeatability:
8a	Viscosity: +/-0.1% of the measured value within the works adjustment range or better
8b	Density: +0.0002 g/cm ³ or better
8c	Temperature : 0.005°C or better
9	Test result Reproducibility:
9a	Viscosity: +/-0.35% of the measured value within the works adjustment range.
9b	Density: +0.0005 g/cm ³
9c	Temperature: \pm 0.03 °C (for temperature range between 15 to 100 °C) or better
10	The apparatus should have in-built Memory for storing at least 1000 Test Results.
11	Complete consumables/ accessories required for installation/commissioning and smooth functioning of the instrument shall be elaborately quoted in the offer. The user shall provide only power and installation space.
12	Sufficient accessories/consumables to be supplied along with the instrument for a minimum 1000 no's of sample testing.
13	Calibration/ Reference Standards are to be included with the main instrument supply.
14	Power Supply: As per Indian standard with the connector must comply with Indian standard.
15	Warranty period of the instrument minimum 01 year or more.