

विकास आयुक्त का कार्यालय

(सूक्ष्म, लघु एवं मध्यम उद्यम)

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

(भारत सरकार)

निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,
नई दिल्ली-110 108



सत्यमेव जयते
OFFICE OF DEVELOPMENT COMMISSIONER
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

OFFICE OF THE DEVELOPMENT COMMISSIONER

(MICRO, SMALL & MEDIUM ENTERPRISES)

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

GOVERNMENT OF INDIA

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No. 65(13)/TCD/B03/2021-22/part-1/33

Date: 05/10/2021

To,

The Joint Director,
MSME – Testing Station, Puducherry,
No.110,Kamaraj Salai,
Tindivanam High Road, Thattanchavady,
Puducherry-605 009.

Subject: Sanction and allocation of amount Rs. 1,06,87,051/- to MSME-Testing Station, Puducherry under the object head Machinery and Equipments (4851.00.102.33.00.52) for Financial year 2021-22.

Sir,

I am to convey the administrative approval and financial sanction of Secretary (MSME) for allocation of amount **Rs. 1,06,87,051/- (One Crore Six Lakh Eighty Seven Thousand Fifty One Only)** to MSME- Testing Station, Puducherry during the current FY 2021-22 for procurement of Machinery and Equipments to enhance testing facilities/ balancing/ replacement of machinery used for conducting tests and auxiliary equipments/ accessories required for modification or upgradation / to create complete new test facility under object head Machinery and Equipments (4851.00.102.33.00.52) of Infrastructure Establishment DC (MSME) for FY 2021-22. As per the details mentioned in the attached Annexure.

2. The expenditure of **Rs. 1,06,87,051/-** shall be accommodated in Demand No. 67 – Ministry of Micro, Small & Medium Enterprises (MSME) under object head Machinery and Equipments (4851.00.102.33.00.52) of Infrastructure Establishment DC (MSME) for FY 2021-22.
3. The procurement shall be made strictly through GeM/ CPP portal as per GFR norms / Government prescribed procedures / Rules and Guidelines/ PPP-MII-,2020,2021 order / as per the specifications mentioned in the attached Annexure/ meeting at least the requirement of National / International standards. There should not be any deviation on the BIS/ International specification.
4. In order to promote Indian products Make in India, preference to be given to Indian manufacturers meeting same specifications.
5. Machinery and Equipments should not be proprietary item.

S. Sathkumar
05/10/2021

No. 65(13)/TCD/B03/2021-22/part-1/33

6. The purchase committee should have an officer as member from nearest MSME-DI, not below the rank of Asstt. Director Gr.- I.
7. AIA/Director/Director I/c/ Joint Director/ Asst. Director I/c should furnish the progress report of the work/ Procurement and statement for actual expenditure incurred to this office by 2nd of the following month inter alia with the reason or variation if any and ensure utilization of fund within the current FY 2021-22.
8. A separate register shall be maintained for each machinery on its utilization/ job booking details.
9. AIA/Director/Director I/c/ Joint Director /Asst. Director I/c shall furnish installation report and commissioning certificate of the procured Machinery & Equipments along with expenditure incurred and fund utilization certificate.
10. This issues with the approval of Secretary (MSME) vide E- office no. 19723 dated 29.09.2021.

S. Sathesh Kumar
05/10/2021
(S. Sathesh Kumar)
Dy. Director

Copy to:

- 1) Pay & accounts office (MSME), Chennai.
- 2) B & A Division, O/o DC (MSME), Nirman Bhawan, New Delhi.
- 3) SENET Division with the request to upload on DC (MSME) website.
- 4) Sanction File.

S. Sathesh Kumar
05/10/2021
(S. Sathesh Kumar)
Dy. Director

Name of Institute: MSME Testing Station, Puducherry

Sl. No.	Name of Machinery & Equipments & Qty.	Used for	IS Specification No. /Relevant specification	Complete Technical specifications
1	Fully Automatic Conversion Kit for 2000KN Compression Testing. Qty-1 Set	To make Fully Automatic for 2000KN Compression Testing machine for compressive strength	IS: 4031 (Part- 6), IS:12330	Fully Automatic Conversion Kit for 2000KN Compression Testing Machine (consist of Enhanced Digital Indicator with pressure Cell, Pumping unit & Horizon Software) Conforms to IS 516 and IS 14858 with Computer Hardware.
2	Mortar Mixer Capacity 4.75 Litre (New Design) Qty-1 Set	To prepare cement mortar for strength determination of Cement	IS: 4031 (Part-1, 3, 4, 5 & 6), IS:1727	Low speed: 140 rpm High speed: 285 rpm AIM-412-401: Bowl, S.S. conforming to IS 10890 & EN 196 Standards 5 Litre Capacity (approx) AIM-412-403: Paddle, S.S. conforming to IS 10890 & EN 196 Standards AIM-412-405: Scraper plastic AIM-412-415: Cleaning Brush.
3	Automatic Vicat Apparatus: 1 measuring point Qty-1 Set	Determining the Consistency and Setting time of Cement	IS: 4031 (Part-1, 3, 4, 5 & 6), IS:12330	Including recording device (drum) and needle cleaning device Includes: needle, 1.13 mm dia., length 57 mm, vicat mould, 70/80 dia. x 40 mm, sample container (water bath) acc. to EN 196-3, sheets of plotting paper, 500 sheets, Cleaning strip, tweezers and tee wrench, with delay timer Plunger 100 g for gypsum
4	Curing Tank for 6 Cubes of 150mm Qty-1 Set	To cure the Cement Cubes for compressive strength	IS: 4031 (Part-1, 3, 4, 5 & 6), IS:12330	Keep the filled moulds 24 hours after completion of vibration. The water in which the cubes are submerged shall be renewed every 7 days and shall be maintained at a temperature of $27 \pm 2^{\circ}\text{C}$. the cubes shall not be allowed to become dry. For 6 Cubes of 150mm, 10°C to 100°C (with cooling and heating system)
5	Compact Optical Emission Spectrometer (O.E.S) Ferrous & Non Ferrous Qty-1 Set	Chemical – Elemental analysis • Fe Base: MS/CS/LAS, Cr-Ni Steels, CI-SG Iron, Tool Steels, Cr-Mn Steels • Al Base: Al-Low, Al-Si, Al-Si-Cu, Al-Global • Cu Base: Pure Cu, Brasses, Cu_Sn/Pb, P-Bronze, Cu_Global	IS 8811 -1998 IS 9879 -1998 IS 15338 IS11035-1984 CX-EN 15079 – 2015	Fully digital pulsed current-controlled source for plasma generation Multi-base, multi-matrix capability Individual Argon Savers for Optics and Spark Chambers With necessary computer, printer, UPS and software's Argon cylinders 99.995 purity with 2 stage Argon regulator Sample Preparation Machine • Grinding station for hard samples – like ferrous, zinc etc. • Turning station for high-quality sample surface preparation of softer metal samples (essential for metals such as Al, Cu, Pb etc.) • Pointing station for pointing Certified Reference Materials (CRM) – Fe Base, Al Base, Cu base for entire range. Additional accessories for complete installation. Warranty : 3 year Min. Service backup : 6 Years
6	Coating thickness Gauge (ferrous & nonferrous), 01 no.	Measure the thickness of coating done on the surface Base Material Identification of both Ferrous and Non Ferrous	IS 3203-1982 IS 101 P-3 Sec.2	Area of Measurement : 5 X 5 micrometer Display Type : Coloured Gauge : Detachable type Resolution : 0.1 micrometer Measuring Range : 1.5 micrometer Automatic: Data Memory Up to 1,00,000 readings Measuring principle : Eddy Current & Magnetic Induction method Protection Class : IP 52 Warranty : 3 Years

S. Sath Kumar
05/10/2021.

Annexure to No. 65(13)/TCD/B03/2021-22/part-1/33

Date: 05/10/2021

Name of Institute: MSME Testing Station, Puducherry

Sl. No.	Name of Machinery & Equipments & Qty.	Used for	IS Specification No. / Relevant specification	Complete Technical specifications
7	Pressure Gauge Comparator (Comparison test pump), 01 no.	Calibration of Pressure gauge by comparison method	DKD – R-6-1	Test Pump to build pressure up to 1200 bar With Tool kit Set of adapters "BSP" G1/2 male on G1/8, G1/4, G3/8 and G1/2 female. According to Specifications Medium: Mineral oil based hydraulic fluid VG22
8	Precision digital pressure gauge	Master Gauge for calibration Upto 700 bar	DKD – R-6-1	Measuring range: 0...700 bar gauge Process connection: G 1/2 B Accuracy: 0.05 % FS Communication: Wireless explosion protection:
9	Hand-held pressure indicator 01 no.	Master Gauge for calibration from 0 bar to 1000 bar	DKD – R-6-1	Measuring range and accuracy: Accuracy: 0.2 % Function: min-/ max-memory, alarm, hold, tare, zero-point correction Protection type: IP65 and IP67 Data logger functions : storage
10	Reference pressure sensor 01 no.	Reference for Hand held Pressure Indicator	DKD – R-6-1	Measuring range: 0 ... 1000 bar Accuracy: 0.2% of span
11	Basic Dial Calibration Tester, 01 no.	Plunger dial gauges : 0 to 25 mm Lever Dial gauges : 0 to 1.6 mm Bore dial gauges : 0 to 150 mm	IS 2092 IS-11498 IS 9483	STANDARD ACCESSORIES : 1) Magnifying Glass. 2) Bore Gauge Holder attachment 150mm & Clamps. 3) Special Corrugated Packing Box.
12	PC Based Universal Length Measuring Machine (with accessories) 01 no.	High precision laboratory equipment for measurement and calibration of Gauges like Length Bars, Master Setting Ring Gauges, Master Setting Discs / Plugs, Limit Gauges like Go-No Go Plug Gauges, Ring Gauges, Thread Plug Gauges, Thread Ring Gauges, Snap Gauges, Plunger and Lever Type Dials, Bore Gauges. High Precision measuring scale, Universal Measuring Table	IS 7014 IS 3650 IS 3651 IS 2966 IS 15372 IS 4213 IS 3455 IS 7876 IS 3485 IS 3477 IS 8023 IS 9529	<u>Measuring Capacity</u> Absolute Measurement 0-100mm Relative Measurement 0-600mm Internal Size (mm) : 10 - 400mm <u>Accuracy</u> <u>Horizontal Axis :</u> Instrument Uncertainty : 0.5 + L/ 1000 µm (at 20°C ±1°C) Resolution : 0.1 µm Repeatability : 0.3µm (at ±2 Sigma) <u>Vertical Axis:</u> Measurement Range : 70mm <u>Scope of supply</u> 1) Universal Length Measuring M/c 2) Dual arms measuring Hook (suitable for internal measurements) 3) External Measurement Flat anvil set (face dia. 8mm) 4) Gauge Clamp 5) Parallel blocks pair – 2 sets 6) Master Ring Gauge Dia. 8mm, 50mm & 100mm 7) Master Gauge Block 100& 200mm 8) PC SYSTEM with Software
13	Slip Gauge - 1 Set Grade O IS 2984 & IS 3650	Calibration of micrometer Analog & Digital	IS 3651 IS 2092 IS 11498 IS 2967	1 Set contains 122 Slip Gauges (Block) of various sizes as per IS. NABL Calibration Certificate to be issued along with material
14	Electronic Floating Carriage Diameter Measuring Machine (with accessories) 01 no.	Plug gauges calibration (Plain & Thread)	IS 15374 IS 7876	Range 0-100mm, Digital Display L.C. 0.0001mm & Probe 10mm range & Dead Weight Spindle Head 10mm Travel

S. Sankaran
5/10/2021