

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



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Nirman Bhawan, 7th Floor, Maulana Azad Road,
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

No. 65(20)/TCD/B03/2019-20/42

Date: 30/09/2019

To,

The Director,
MSME – Testing Centre,
Kurla - Andheri Road,
Sakinaka,
Mumbai- 400 072

Subject: Sanction and allocation of fund Rs. 3,33,27,293/- to MSME-Testing Centre, Mumbai under the object head Machinery and Equipments (4851.00.102.33.00.52) for the year 2019-20.

Sir,

With reference to your letter no. MSME-TC/MUM/Capital/01/2019-20/96 dated 22/05/2019, I am to convey the administrative approval and financial sanction of AS & DC (MSME) for the allocation of fund of an amount **Rs. 3,33,27,293/- (Three Crore Thirty Three Lakh Twenty Seven Thousand Two Hundred Ninety Three only)** to MSME- Testing Centre, Mumbai for procurement of below mentioned 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 2019-20.


Name of MSME-TCs & TSs	Name of Machinery and Equipments	Funds allotted (in Rs.)
TC-Mumbai	1) Optical Emission Spectrometer with Ferrous, Aluminum & Copper base, 2) Light Measurement System: Goniophotometer System (C-type Mirror Goniometer, 1 set with accessories & auxiliaries), 3) Compression Testing Machine (Hydraulic Press capacity 600 kN with Hydraulic Cylinder, Press frame, Power unit, Electrical control digital display unit), 4) Computerized Universal Testing Machine 1000KN capacity UTE 100 HGFL-TS with front loading hydraulic grips touch screen panel & printer.	3,33,27,293/-

2. The expenditure of **Rs. 3,33,27,293/- (Three Crore Thirty Three Lakh Twenty Seven Thousand Two Hundred Ninety Three only)** will be accommodated in Demand No. 66 – 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 2019-20.

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3. The procurement shall be made strictly as per GFR norms / Government prescribed procedures / Rules and Guidelines/ as per the specifications mentioned in the attached Annexure.
4. AIA/Director/Director I/c/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 2019-20.
5. AIA/Director/Director I/c/Asst. Director I/c shall furnish installation report and commissioning certificate of the procured Machinery & Equipments along with expenditure incurred and fund utilization certificate.
6. This issues as per diary No. 3476/DC dated 16.09.2019.


(S.V. Sharma)
Deputy Director

Copy to:

- 1) The Principal Accounts Officer (Compilation) Ministry of Industry, Udyog Bhawan, New Delhi.
- 2) Pay & accounts office (MSME), Mumbai.
- 3) B & A Division, O/o DC (MSME), Nirman Bhawan, New Delhi.
- 4) SENET Division with the request to upload on DC (MSME) website.
- 5) Sanction File.


(S.V. Sharma)
Deputy Director

Name of Institute: MSME -Testing Centre, Mumbai

Sl. No.	Name of Machinery & Equipments and Qty.	Used for	IS Specification No. / Relevant specification	Complete Technical specifications
1	Optical Emission Spectrometer Qty-1 Set	Chemical composition of ferrous & Non ferrous	IS:6911, IS:21	Optical Emission Spectrometer with Ferrous, Aluminum & Copper base
2	Goniophotometer System (C-type Mirror Goniometer along with Construction of Dark Room with Fixtures & auxiliaries, Qty-1 Set	Electrical and Photometric measurement of all types of LED luminaires i.e. General purpose luminaires, Recessed luminaires, Street light, Flood light, High bay light etc.	IES LM-79-08, IS:16102-2012, IS:16107(Part2/Sec 1)-2012, IS:10322(Part5/Sec 1)-2012, IS:10322(Part5/Sec 2)-2012, IS:10322(Part5/Sec 3)-2012, IS:10322(Part 5/Sec 5)-2012	1)Goniometer (C-type Mirror Goniometer) : Lamps rotating (C plane): 0°~360°, detector rotating (γ angle):±180°. Accuracy of rotation angle: ±0.1°, angle controlling resolution:0.001°. 2)Optics ReflexMirrors : 2 Nos 3)Near Field Photometer detector and Far field Photometer detector 4)Angular field measurement system 5)High accuracy array spectroradiometer 6)Standard Lamp 7)Communication and control system 8)PWM AC power supply 9)Digital power meter 10)Digital CC & CV DC power supply 11)Laser alignment system 12)Cabinet, Clamps, Fixtures etc. 13)Construction of Dark room (Approx. size: 17 mtr Length x 6 mtr width x 5.5 mtr height) 14)Miscellaneous: ACs, Computer, Printer, Electric work, Furniture etc
3	Compression Testing Machine (Hydraulic Press capacity 600 kN with Hydraulic Cylinder, Press frame, Power unit, Electrical control digital display unit), Qty-1 Set	Permanent Set test & Load test of FRP/ Cast Iron/ RCC Manhole Covers	EN 124 – 2015 IS:1726 – 1991 IS:12592 – 2002	1) Machine with Hydraulic cylinder, Press Frame, Power unit, ElectricalControl system, Digital display unit 2) Capacity 600 kN 3) Rate of Load application of 0.6N/mm/sec or less (as per IS:12592 – 2002), alsoRate of Load application of 1kN/sec to 5kN/sec (as per BS EN 124-1-2015) 4) Return speed must be 3mm/sec or less 5) Capable to hold / maintain load for a period of 30 seconds or less (as per IS:12592 – 2002) 6) A digital display unit must be provided which will display the load in Ton and the distance travelled by the ram in mm.

Name of Institute: MSME -Testing Centre, Mumbai

4	Computerized Universal Testing Machine 1000KN capacity, Qty-1 Set	Tensile test, Bend&re-Bend test, Shear test, of Ferrous/ Non-Ferrous Metals; Compression test of civil products/ building materials	IS:1608 –2018 IS:1599 – 2012 IS:516 – 1959	<p>1) Computerized Servo Hydraulic loading system for Tensile testing (Dual Control) 1000kN capacity with front loading</p> <p>2) Electronic Extensometer with Gauge length 25, 50mm</p> <p>3) Compression attachment, Bend test attachment, Bend mandrills, Shear test attachment, Standard Accessories</p> <p>4) Resolution of Load measurement must be 100N for the entire range or better</p> <p>5) For full range 0-1000kN, hydraulically operated Grips for Round sample ($\Phi 8 - 50\text{mm}$)</p> <p>6) Grip for Flat sample (0 – 40mm), Grip for wire rope ($\Phi 1-20\text{mm}$) with fixtures</p> <p>7) Extensometer shall be calibrated as per ISO 9513</p> <p>8) Testing Speed must be adjustable in Test settings (mm/minute)&real time online graph must be displayed on the panel</p> <p>9) Bending mandrel/ accessories for bend & rebend test as per latest IS:1599-2012 & IS:1786-2008 for TMT $\Phi 8-32\text{mm}$</p> <p>13) Bend test setup span length shall be min. 600mm</p> <p>10) Vertical type Machine</p> <p>11) Accuracy of Machine must be $\pm 1\%$, as per IS:1828</p>
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