



पश्चिम क्षेत्रीय कार्यालय प्रयोगशाला  
Western Regional Office Laboratory  
ई -9 एम आइ डी सी स्थित  
Located at E-9, M.I.D.C.,  
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## भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

संदर्भ/Ref: WROL/Mech/UTM/2018-19

24/05/2019

### निविदा का शुद्धिपत्र / CORRIGENDUM TO TENDER

निविदा आई.डी/ Tender आईडी : 2019\_BIS\_467128\_1

निविदा संदर्भ संख्या : WROL/Mech/UTM/2018-19

निविदा शीर्षक/Tender Title : पश्चिम क्षेत्रीय कार्यालय प्रयोगशाला के यू टी एम की आपूर्ति, स्थापना और  
कमिशन के लिए निविदा दस्तावेज़

Tender document for supply, installation and commissioning of Universal  
Testing Machine

#### Following shall be incorporate in Technical Specification;

1. Sr.No. 4(a) Power shall be Electro Mechanical With Servo Motor
2. Sr.No. 4(b) Range of machine shall be 0 to 1kN and 0 to 10kN to cover lower range and least count to be 0.01N. (Page no. 18/103)
3. Sr.No. 4(c) Force accuracy  $\pm 1\%$  for load range of 5% to 100% (Page no. 18/103)
4. Sr No. 4(d) Rate of extension of jaw/cross head speed : 0.05 to 500mm/min and Cross head speed accuracy within 0.05% of set speed or better. (Page 18/103)
5. Sr.No.4(d), 3-Point Bend Test Fixture-(a) Adjustable Lower span- about 200mm & (b) Vertical Displacement: Upto 50mm (Page no. 18/103)
6. Sr.No.4(f), The error of indicated or recorded maximum force at any point in the range in which the machine is used shall not exceed  $\pm 1\%$  for load range 5% to 100% (page No. 18/103)
7. Sr.No. 4(h), Change in deflection to an accuracy of: 0.05%(Page no. 18/103)
8. Sr.No.5 (h), Machine shall have travel, load, strain and stress control modes. (Page no. 19/103)
9. Sr.No. 5(h), Force Measuring System: Accuracy of  $\pm 1\%$  for 5% to 100% range of load cell capacity upto 10kN. (Page No. 20/103)

10. Sr.No. 5(h), Deflection measuring System: Any deflection measuring indicator(Non Contact Type) having least count of 1micron & accuracy of +2.5 micron capable of measuring deflection to the accuracy as specified above is suitable. (Page No. 21/103)
11. Sr.No. 5(h), S Type load Cells : 0.01N to 1 kN . (Page no. 21/103)
12. In BOQ of UTM-10kN Please read Sr.No. 1 as “Unit price for Supply, Installation and Commissioning of one UTM-10kN as per detailed Technical specification (Annex 3) along with accessories, consumables, spares and fixture etc as applicable”.

**मनीष राजा**  
**कार्यप्रभारी (यान्त्रिकी)**  
**भारतीय मानक ब्यूरो**  
**पश्चिम क्षेत्रीय कार्यालय प्रयोगशाला**