



CORRIGENDUM

TENDER NOTIFICATION NO. NITT/F. No.001/HEFA/2019-20/SIEM/CoDE DATED 24/10/2019

E-Tender ID : 2019_NITT_513831_1

for Supply and Installation of High Temperature Indentation Tester

**BASED ON MINUTES OF PRE BID MEETING HELD ON 04/11/2019 11.00A.M. AT NATONAL
INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015
THIS CORRIGENDUM HAS BEEN PUBLISHED.**

Based on the the discussion and, the committee members finally decided to amend the following points:

Sl.No.	Tender Document Details	Bidders raised clarifications in Published document	The following points to be read as follows against the published document under NITT's Specification
1	Part 2 Supply Requirements Section VI. Schedule of Requirements Technical Specifications	Page 29 Capable of performing various standard and customized tests according to International standards (ASTM/DIN/ISO) including ASTM E18.	Page 29 <u>is amended and the bidders should read as</u> <i>“Capable of performing various standard and customized tests according to International standards ASTM / DIN / ISO ”</i>
2		Page 30 Line 1 Stage dimension (X, Y) (mm) 100 x200 (minimum)	Page 30 Line 1 <u>is amended and the bidders should read as</u> <i>Stage dimension (X, Y) (mm) 75 x 75 mm (minimum)</i>
3		Page 30 Line 6 “Should facilitate medium and low speed linear reciprocating motion for wear testing”	Page 30 Line 6 <u>the point is removed</u> “Should facilitate medium and low speed linear reciprocating motion for wear testing”
4		Page 30 line 8 and line 10 Z Axis Travel 100 mm(minimum) Travel speed of Z Axis (mm/s) (0.002-5 (minimum)	Page 30 line 8 and line 10 <u>The bidders request has been accepted and the points are removed.</u> Z Axis Travel 100 mm(minimum) Travel speed of Z Axis (mm/s) (0.002-5 (minimum)
5		Page 30, line 11 “Down Force Sensor” 1 to 3000 N (minimum) at a resolution of 100mN	Page 30, line 11 “Down Force Sensor” <u>is amended and bidders should read as</u> <i>as “1 to 2000 N or better with a resolution of 100 mN or better”.</i>
6		Page 30, lines 12-16 “Environmental Chamber: <ul style="list-style-type: none"> High temperature chamber to withstand up to 500 Degree Centigrade with dual channel temperature controller. Should be equipped with sample holder for minimum 10 specimens. 	Page 30, lines 12-16 <u>is amended and bidders should read as</u> “Environmental Chamber/Heating System: <ul style="list-style-type: none"> High temperature chamber or heating system to withstand up to 450 Degree Centigrade (Accurate to 0.1 Degree) with dual channel temperature controller. Should be equipped with sample holder for minimum of 4 specimens.”

Sl.No.	Tender Document Details	Bidders raised clarifications in Published document	The following points to be read as follows against the published document under NITT's Specification
7		<p>Page No.30 Control Unit</p> <ul style="list-style-type: none"> • 16-bit High-Speed Data Acquisition Board with sampling rate up to 200kHz. • Automatic Servo-controlled loading, fully programmable to apply load from a minimum range of 1mN to 6000N. 	<p>Page No.30 Control Unit <u>is amended and the bidders should read as</u></p> <ul style="list-style-type: none"> • <i>16-bit High-Speed Data Acquisition Board with sampling rate of 190 kHz or more.</i> • <i>Automatic Servo-controlled loading fully programmable to apply load.</i>
8	Part 2 Supply Requirements Section VI. Schedule of Requirements	<p>Page No.31 Standard Tips/Holders</p> <p>"The tester should be capable of performing multiple tests including Rockwell B, Rockwell C and Vickers Hardness at different temperature.</p> <p>To facilitate this, Rockwell tip, Vickers tip, Sapphire Ball, upper sample holder for balls and pins should be included in the quote.</p>	<p>Page No.31 Standard Tips / Holders <u>is amended and the bidders should read as</u></p> <p><i>"The tester should be capable of performing multiple tests including Rockwell or Brinell and Vickers Hardness at different temperatures.</i></p> <p><i>To facilitate this, Rockwell tip, Vickers tip and Sapphire Ball (or ceramic ball with equivalent hardness), upper sample holder for balls and pins should be included in the quote. – 2 Nos Each"</i></p>
9		<p>Page No.31 Section Housing</p> <p>"High density/high stiffness floor standing unit with anchor design to withstand minimum 6000N Down Force.</p>	<p>Page No.31 Section Housing <u>is amended and the bidders should read as</u></p> <p><i>"High density/high stiffness floor standing unit"</i>.</p>
10		<p>Page No.31 Mandatory accessories "24-inch color monitor".</p>	<p>Page No.31 Section Mandatory accessories <u>is amended and the bidders should read as</u> <i>"20-inch color monitor"</i>.</p>
11		<p>Page No.32 Mandatory prequalification criteria</p> <p>"The manufacturer must have sold at least two system similar to quoted system in India/abroad to academia /Industry. Such details should be shared in the technical bid. Custom made solutions are not accepted".</p>	<p>Page No.32 Mandatory prequalification criteria <u>is amended and the bidders should read as</u> <i>"The manufacturer must have sold at least one system similar to quoted system in India/abroad to academia /Industry. Such details should be shared in the technical bid. Custom made solutions are not accepted"</i>.</p>
12	Price Bid BOQ Column (W in excel) AMC after Warranty period for one year (inclusive of all)	AMC after Warranty period for one year (inclusive of all)	<p><u>The Price Bid BOQ Column (W in excel) should read as and quote for Additional Two years warranty after the normal period of one year warranty (i.e. three year warranty) instead of AMC.</u></p> <p><i>The additional cost corresponding to the additional two year warranty will not be considered while evaluating the price bids.</i></p>

Sl. No.1 to 11 the amended specifications are applicable to the Technical Specifications available in the Excel File also (TEC-HSEMCODE-F001-1920.XLS).

Tender Inviting Authority