



SBU : Greases & Lubricants Division, Manali,  
 Chennai 600 068.  
 Phone:044-25946621/9445160082  
 email: srinivas.pcs@balmerlawrie.com

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E TENDER /GLC/TE17/012 DT 28/7/17

**E- TENDER ENQUIRY**

M/s \_\_\_\_\_  
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 \_\_\_\_\_

Dear Sirs,

**Sub.: Supply of AUTOMATIC DIGITAL PENETROMETER WITH ACCESSORIES- 1NO**

Your offer, complete in all respect furnishing above details should be submitted online in Balmerlawrie E-procurement Portal on or before. **16<sup>TH</sup> Aug'17,**

*SPECIFICATION:*

**Automatic Digital Penetrometer with accessories for testing consistency of the grease**

- **Microprocessor (computer) based Automatic penetrometer with graphical display, conductivity sensor and software for fully automatic measurements of electrically conductive samples**
- **The apparatus should confirm and meets all the requirements of ASTM D 217 and ASTM D 1403 test methods to measure the consistency of Grease.**
- **Penetration range from 0 to 60 mm with at least 0.01mm resolution**
- **Should have inbuilt USB port to transfer stored test data in excel format**
- **Equipment should be capable for Conversion of results into NLGI-classification as per ASTM D217.**
- **Automatic conversion of results of Quarter and Half-Scale Cone into Full-Scale Cone.**
- **Suitable mechanism for exact positioning and penetration measurement.**
- **Apparatus should have Calibrated Pt 100 temperature probe(with Calibration certificate with traceability) to record the temperature and to report it together with the result.**
- **Apparatus should have a inbuilt magnifier lens & extra bright LED-sample illumination.**
- **Necessary accessories for Grease testing as per ASTM D 217 /D 1403 to be provided as standard supply along with Penetrometer ,like**



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**Hollow Cone 102.5 gm , Solid Cone 102.5 gm , ½ Scale cone 22.5 gm , ¼ scale cone , 1.08 gm , suitable plungers and sample containers.**

**(All Cones, Plungers should carry Calibration certificate with Traceability)**

- **Micro Grease worker for ½ scale cone and ¼ cone to be provided.**
- **Apparatus should have a limit indicator which gives alarm when test value falls outside preset values.**
- **Able to work in Power supply of 230V, 50/60 Hz.**

**NOTE: Only Price Bid to be filled online.**

**Technical Bid with EMD of Rs.15000/- ;catalogue,Technical Specification &Check list(Filled) to be sent separately by courier to**

Chief manager-SCM  
Balmer Lawrie and Co ltd  
Greases and Lubricants division.  
32,Sattangadu Village;Manali.  
CHENNAI-600 068

**Price:-**Your offer should be clearly & separately indicated in the sequence of BasicPrice, GST & transportation charges if any & Insurance charges if applicable,along with lead time/ delivery terms etc.

**Delivery:** On confirmation of order by EMAIL/Telephone, supply should be affected immediately within 6 to 8 weekss.

### **1. Procedure For Bid Submission**

Bidders have to quote for all the sizes of each group failing which their offer shall not be considered for final evaluation for that group.The bidder shall submit their response through bid submission to the tender oneProcurement platform at <https://balmerlawrie.eproc.in> by following the procedure given below.

### **2. Registration with eProcurement platform:**

For registration and online bid submission bidders may contact HELP DESK of M/sC1 India Pvt., Ltd., or they can register themselves online by logging in to the website <https://balmerlawrie.eproc.in>

### **3. Digital Certificate authentication:**

The bidder shall authenticate the bid with his Digital Certificate for submitting the bid electronically on eProcurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the eProcurement platform.All the bidders who do not have Digital Certificates need to obtain Digital Certificate.They may contact Help Desk of **C1 India Pvt Ltd.**

**C1 India Chennai-Mr.MANISANKAR- 8939284159**



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**4.Liquidated damages :-**In case of failure to deliver the item (of acceptable quality) by the successful vendor, as per the delivery schedule, reduction in PO value @ 0.5% per week subject to a maximum of 5.0% shall be applicable.

**5 .After sales service:** - Bidder shall furnish the details of their after sales service facility available at Chennai.

**6.Payment terms:-** (i) 90% after complete supply and acceptance of BL, within 30 days.

(ii) Balance 10 % against submissions PBG or after successful completion of Guarantee period.

**7.0 Performance Bank Guarantee (PBG):** - For an amount of 10% of the supply value shall be submitted. PBG shall be furnished in specified format and shall be valid for 1 (one) year from the date of successful complete supply.

**8.0 Guarantee Period:** - 12 (twelve) months from the date of supply of each unit whichever is earlier. During this guarantee period the performance of the supplied item has to be in line with the expected / agreed quality as per tender/PO and if not then vendor has to replace/rectify the same at **no extra cost to BL** and to the satisfaction of BL/tender.

**9.0 Validity of offer:** - The offers shall remain valid for a period of 60 days from the date of closing of the tender.

**10.Scope of Installation & commissioning:-**

*You should depute/send your service engineer for commissioning the equipment at our site on free of cost with prior intimation to us. Also provide free proper training for our employees concerned.*

**11.Operations:-**

*You should provide complete operational/ technical features/ functions about the equipment supplied. Relevant operational & spare parts manual to be provided along with the equipment /machine.*

**Arbitration:-***If any dispute arises between the supplier/seller as to the interpretation of the terms of the contract the same shall be referred to an arbitrator of Balmer Lawrie & Co.Ltd and the award/decision of the arbitrator shall be firm and binding on the parties. The arbitration shall be governed by the provision of the Arbitration and Conciliation Act, 1996.*

*Any tender/contractor may be rejected if a conflict of interest between the bidder and the Company is detected at any stage. The company reserves the right to change the order quantity or cancel any or all the tenders without assigning any reason whatsoever. Also to add further terms and conditions in the Purchase order/Work order placed on the successful tenderer besides what are slated above.*

**PS**

PLEASE STATE CLEARLY WHETHER YOUR ORGANISATION FALLS IN ANY ONE OF FOLLOWING THREE CATEGORIES :

a) Micro Enterprise : Yes / No



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- b) Small Enterprise : Yes / No
- c) Medium Enterprise : Yes / No

In case of "Yes" please attach a photocopy of the relevant certificate failing which we shall presume that your organization does not fall in any of the above referred categories.

*Thanking you,  
Yours faithfully,  
For Balmer Lawrie & Co.Ltd*

**[PCS. SRINIVAS]  
CHIEF MANAGER [SCM]**



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CHECK LIST				
<b>Automatic Digital Penetrometer with accessories for testing consistency of the grease</b>				
Sl.No.	Description	Please put a (√) tick mark		Remarks
		Meeting the specification	Not meeting the specification	
1.	Microprocessor (computer) based Automatic penetrometer with graphical display, conductivity sensor and software for fully automatic measurements of electrically conductive samples			
2.	The apparatus should confirm and meets all the requirements of ASTM D 217 and ASTM D 1403 test methods to measure the consistency of Grease.			
3.	Penetration range from 0 to 60 mm with at least 0.01mm resolution			
4.	Should have inbuilt USB port to transfer stored test data in excel format			
5.	Equipment should be capable for Conversion of results into NLGI-classification as per ASTM D217.			
6.	Automatic conversion of results of Quarter and Half-Scale Cone into Full-Scale Cone.			
7.	Suitable mechanism for exact positioning and penetration measurement.			
8.	Apparatus should have Calibrated Pt 100 temperature probe(with Calibration certificate with traceability) to record the temperature and to report it together with the result.			
9.	Apparatus should have a inbuilt magnifier lens & extra bright LED-sample illumination.			
10.	Necessary accessories for Grease testing as per ASTM D 217 /D 1403 to be provided as standard supply along with Penetrometer ,like Hollow Cone 102.5 gm , Solid Cone 102.5 gm , ½ Scale cone 22.5 gm , ¼ scale cone , 1.08 gm , suitable plungers and sample containers. (All Cones, Plungers should carry Calibration certificate with Traceability			
11.	Micro Grease worker for ½ scale cone and ¼ cone to be provided.			
12.	Apparatus should have a limit indicator which gives alarm when test value falls outside preset values.			
13.	Able to work in Power supply of 230V, 50/60 Hz.			



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