



बामर लॉरी एण्ड कं. लिमिटेड  
(भारत सरकार का एक प्रतिष्ठान)  
**Balmer Lawrie & Co. Ltd.**  
(A Government of India Enterprise)  
www.balmerlawrie.com

P 43, Hide Road Extension, Kolkata – 700 088  
Phone: 033 – 24500116, E-mail – [ghatak.a@balmerlawrie.com](mailto:ghatak.a@balmerlawrie.com)

## **TENDER ENQUIRY**

**Tender No. : GLK/TE18/118**  
**Date : 17.07.2018**  
**Due date : 31.07.2018 at 15.00 hours [IST]**

### **Sub: Supply of Gear Pump set with Motor**

Online electronic offers are invited from manufacturers / authorized agents / dealers for the subject supply as per Specifications and General terms & conditions attached in Annexure - A & B respectively.

If the tenderer find any discrepancy, omission, ambiguity or conflict in or among the documents forwarded or be in doubt as to their meaning and interpretations, such matter shall be brought to the attention of us, at least four working days prior to the due date of the Tender. However no change in price/value shall be allowed after placement of the order or during the execution of work at site.

For any clarification, please contact

Mr. Rohit Agarwal  
Plant Head ( Kolkata )

Tel : 033 24500159  
e-mail id : [agrawal.rk@balmerlawrie.com](mailto:agrawal.rk@balmerlawrie.com)

The bidders are requested to submit their offer on-line before the due date and time of the tender.

Thanking you,

Yours faithfully,  
for **Balmer Lawrie & Co. Ltd.**

**(Arnab Ghatak)**  
Sr. Manager (SCM)

Encl.: As above



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**Annexure-A**

## 1.0 Technical Specifications and Data Sheet

### 1.1.0 Design, Manufacturing, Testing & Supply of 3" Gear Pump SET with motor: 5 Set

SL No.	Parameters	BL Specification	Bidder to Specify & confirm
<b>1.1.1</b>	<b>Item</b>	<b>3" Internal Gear Pump with motor Set</b>	
1.1.2	Qty	5 Set	
1.1.3	<b>Pump type</b>	<b>Internal Gear Pump</b>	
1.1.4	Service	Transfer	
1.1.5	Liquid	Base oil BS150/CBFS	
1.1.6	Viscosity	980 Cst at 40 Deg C	
1.1.7	Abrasive components	Non- Abrasive	
1.1.8	Density	0.996	
1.1.9	Suc. Pressure	Flooded	
1.1.10	Capacity (M3/Hr)	20	
1.1.11	Pressure (kg/cm <sup>2</sup> g)	07-Oct	
1.1.12	Pipe Line size	3" x 3" , Flange ANSI 150	
1.1.13	Efficiency (%)	Better than 50% (vendor to confirm)	
1.1.14	Pump Speed (rpm)	300±100 (vendor to confirm)	
1.1.15	Pump Material	Cast Iron	
1.1.16	Heating Jacket	Not required	
1.1.17	Idler Bush	Bronze	
1.1.18	Idler material	Cast Iron	
1.1.19	Idler pin material	Hardened steel	
1.1.20	Rotor bush	Bronze	
1.1.21	Shaft	Hardened steel	
1.1.22	Sealing	Mechanical Seal	
1.1.23	Pump Make	Johnson/Varisco/Viking/approved Eqv.	
1.1.24	Pump Model	? = Vendor to specify	
1.1.25	<b>Drive arrangement</b>	<b>TEFC Sq. cage Induction Motor</b>	
1.1.26	Power	3 Ph, 50 Hz	
1.1.27	Motor KW	Min :11 KW (15HP) [vendor to confirm]	
1.1.28	Motor RPM	1440 RPM	
1.1.29	Motor Make	Kirloskar/BBL/CGL/ABB	
1.1.30	Motor VFD compatible	Required	
1.1.31	Motor Frame Size	Vendor to Specify	
1.1.32	Coupling type	Spacer Type Coupling	
1.1.33	Base Frame	Mild steel	
1.1.34	<b>Reduction Gear Box</b>	Between Motor & Pump	



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1.1.35	Make of <b>Reduction Gear Box</b>	? = Vendor to specify	
1.1.36	Model of <b>Reduction Gear Box</b>	? = Vendor to specify	
1.1.37	Safety Guard	All rotary parts shall be properly guarded	
1.1.38	Inspection	By BLCL or any TPI deputed by BLCL	



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### 1.2.0 Design, Manufacturing, Testing & Supply of 2" Gear Pump SET with motor: 1 Set

SL No.	Parameters	BL Specification	Bidder to Specify & confirm
<b>1.2.1</b>	<b>Item</b>	<b>2" Internal SS Gear Pump with motor Set</b>	
1.2.2	Qty	1 Set	
1.2.3	<b>Pump type</b>	<b>Internal Gear Pump</b>	
1.2.4	Service	Transfer	
1.2.5	Liquid	RB Fatty Acid	
1.2.6	Viscosity	460 Cst at 40 Deg C	
1.2.7	Abrasive components	Non- Abrasive	
1.2.8	Desity	0.996	
1.2.9	Suc. Pressure	Flooded	
1.2.10	Capacity (M3/Hr)	12 (min)	
1.2.11	Pressure (kg/cm2 g)	07-Oct	
1.2.12	Pipe Line size	2" x 2" , Flange ANSI 150	
1.2.13	Efficiency (%)	Better than 50% (vendor to confirm)	
1.2.14	Pump Speed (rpm)	?	
1.2.15	Pump Material	SS 304	
1.2.16	Heating Jacket	Required for Steam/TF at 300 Deg C @ 7 kg/cm2 (g)	
1.2.17	Idler Bush	Bronze or ? (no PTFE Bush)	
1.2.18	Idler material	SS 304	
1.2.19	Idler pin material	Stainless	
1.2.20	Rotor bush	Bronze or ? (no PTFE Bush)	
1.2.21	Shaft	Stainless	
1.2.22	Sealing	Mechanical Seal	
1.2.23	Pump Make	Johnson/Varisco/Viking/approved Eqv.	
1.2.24	Pump Model	?	
1.2.25	<b>Drive arrangement</b>	<b>TEFC Sq. cage Induction Motor</b>	
1.2.26	Power	3 Ph, 50 Hz	
1.2.27	Motor KW	Min :7.5 KW (10HP) [vndor to confirm]	
1.2.28	Motor RPM	1440 RPM	
1.2.29	Motor Make	Kirloskar/BBL/CGL/ABB	
1.2.30	Motor VFD compatible	Required	
1.2.31	Motor Frame Size	Vendor to Specify	
1.2.32	Coupling type	Spacer Type Coupling	



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1.2.33	Base Frame	Mild steel	
1.2.34	<b>Reduction Gear Box</b>	Between Motor & Pump	
1.2.35	Make of Reduction Gear Box	Vendor to specify	
1.2.36	Model of Reduction Gear Box	Vendor to specify	
1.2.37	Safety Guard	All rotary parts shall be properly guarded	
1.2.38	Inspection	By BLCL or any TPI deputed by BLCL	



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## Annexure-B

### General Terms & Conditions

#### 2.1 Submission of offer

Bidder shall submit their offer online within the due date and time of the tender without any deviation of technical specifications. They also requested to send hard copy/upload along with e-bid the tender document duly filled, signed & stamped as required on each pages and EMD amount before due date to us.

In case of offer, which are not found in line with our guidelines and Terms & Conditions, may subject to rejection.

#### 2.2 Earnest Money Deposit (EMD) & Security Deposit (SD)

An amount of Rs. 5,000 (Rupees Five thousand only) as EMD is to be submitted alongwith the bid by means of Pay Order / Demand Draft in favour of Balmer Lawrie & Co. Ltd. payable at Kolkata.

The EMD of the successful bidder will be retained as security deposit till the execution of order. EMD of the unsuccessful bidder(s) will be returned to the respective bidders once the tender is finalized and acceptance of order by the successful bidder.

#### 2.3 Provisions for Micro , Small and Medium Enterprises ( MSME ) :

(a) Qualification Criterion : MSME vendor must confirm that UAN No has been uploaded on CPPP website as required by minister vide circular no F:No21(17) / 2016 dated 06.04.18 for qualifying to be considered as MSME vendor under this tender.

(b) Micro & small scale manufacturing units registered with MSME/ NSIC are exempted from payment of EMD. Small scale units registered with MSME / NSIC should enclose a copy of their valid registration certificate to make their bid eligible for consideration.

#### 2.4 Acceptance of offer & Placement of Order

Balmer Lawrie & Co. Ltd. (BL) reserves the right to reject/accept all or any tender(s). A tenderer may quote all or either items/heads under supply for this tender. Purchase order will be placed to item wise L1 vendor subject to qualifying technical & commercial requirements in the tender.

#### 2.5 Delivery period

The delivery of complete set of internal gear pump is to be made within 8-10 weeks from the date of placement of PO/LOI whichever is earlier.

#### 2.6 After sales service



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Bidder shall furnish the contact details of after sales service facility available in India and in a position to provide service as & when required at Kolkata.

## 2.7 Price schedule

The price shall be quoted as per online specified format.

## 2.8 Payment terms

- (i) 90% of basic order value with applicable taxes and duties for the entire contract value will be released within 30 days from the date of supply.
- (ii) Balance 10 % of basic order value shall be kept as retention money & will be released after completion of guarantee period without any interest or against submission of Performance Bank Guarantee (on BL format) for equal amount.

## 2.9 Performance Bank Guarantee (PBG)

PBG may be furnished in lieu of retention money in specified format of BL and shall be valid for the entire guarantee period from the date of successful commissioning of the complete high mast.

## 2.10 Guarantee/Warranty Period

12 (twelve) months from the date of successful commissioning or 18 (eighteen) months from the date of supply of complete unit whichever is earlier.

During this guarantee period the performance of the supplied & commissioned 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 to the satisfaction of BL.

## 2.11 Validity of offer

The offers shall remain valid for a period of 60 days from the due date of the tender.

## 2.12 Liquidated Damages

In case of failure to deliver the item (of acceptable quality) by the successful vendor, as per the completion period, a pre-determined liquidated damages @ ½ % per week of the basic order value subject to a maximum of 5% of the basic order value shall be deducted from the invoice.

## 2.13 Jurisdiction

All disputes are subject to Kolkata jurisdiction.

## **Procedure for Bid Submission**



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The bidder shall submit their response through bid submission to the tender on e-Procurement platform at <https://balmerlawrie.eproc.in> by following the procedure given below.

#### **Registration with e-Procurement platform:**

For registration and online bid submission bidders may contact HELP DESK of M/s C1 India Pvt., Ltd., or they can register themselves online by logging in to the website <https://balmerlawrie.eproc.in>

#### **Digital Certificate authentication**

The bidder shall authenticate the bid with his Digital Certificate for submitting the bid electronically on e-Procurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the e-Procurement platform.

All the bidders who do not have Digital Certificates need to obtain Digital Certificate. You may contact Help Desk of C1 India Pvt Ltd.

M/s C1 India Pvt Ltd.

C 104, Sector - 2, Noida 201 301. You may also get in touch with their representative

**Mr. Tirtha Das, e-mail id : [tirtha.das@c1india.com](mailto:tirtha.das@c1india.com) , Contact No: +91-9163254290**

#### **Bid Submission Acknowledgement**

The user should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgement is given by the system through bid submission number after completing all the processes and steps. Tender Inviting Authority and C1 India Pvt. Ltd. will not be responsible for incomplete bid submission by users. Users may also note that the incomplete bids will not be saved by the system and are not available for the Tender Inviting Authority for processing.

Last date for submission of on line bid 31.07.2018 upto 15.00 Hours

for **Balmer Lawrie & Co. Ltd.**

**(Arnab Ghatak)**  
**Sr. Manager (SCM)**





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### Price schedule

SL No.	Description	QTY	UOM	Unit Rate	Amount
3.1	<b>Design, Manufacturing, Testing &amp; Supply of 3" Gear Pump SET with motor as per specification given in tender</b>	5	Set		
3.2	<b>Design, Manufacturing, Testing &amp; Supply of 2" Gear Pump SET with motor as per specification given in tender</b>	1	Set		

1	Total Basic Price			
2	Transportation Cost			
3	GST on Supply + Transportation			
4	Grand Total ( Basic + Transportation + GST )			