



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 – 24500124, E-mail – Srinivas.pcs@balmerlawrie.com

TENDER ENQUIRY

Tender No. : GLK/TE18/413 ,

Dt - 28.02.2019

Due date : 13/3/18 17:00 hrs [IST]

Sub: Design, Fabrication & supply of VFD Control Panel for 30 HP Motor

Offers are invited from (registered vendors with BL) panel 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. P.C.S.Srinivas
Chief Manager (Maint & HSE)

Tel : 033 24500124
e-mail id : Srinivas.pcs@balmerlawrie.com

Bidders are requested to submit their offer in a closed envelop Super scribing Tender Number on or 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

VFD Control Panel with ABB/Siemens make Heavy Drive for 30 HP motor, 1440 RPM, 50 Hz, 440V		
SL No.	Specification/BL requirement	Vendor to confirm
1.1	Item: VFD Control Panel with Heavy Duty Drive & Star-delta By-pass Provision :1 Set	
1.2	Drive Rating : 30 HP for 30 HP motor, 1440 RPM, 50 Hz, 440V, Agitator Application :1 Set	
1.3	Drive Make : ABB/Siemens/Approved Equivalent.	
1.4	Accessories make for Star-delta Starter: Siemens/ABB/L& T	
1.5	The VFD & all other equipment will be housed in an enclosure of wall mounting type.	
1.6	The enclosure will be made out of 2 mm thick CRCA sheet.	
1.7	3 mm thick gland plate will be provided at bottom for cable entry.	
1.8	Degree of protection of enclosure : IP-41 OR higher	
1.9	Power wiring - suitable rating PVC insulated flexible Cu. wire of 1.1kV grade.	
1.10	Control wiring - suitable rating PVC insulated Flexible Cu. wire of 1.1kV grade.	
1.11	All terminals are screw/Bus bar type, Wago/Phoenix/Connectwell make.	
1.12	Power terminal & Control terminal size - to suit cable size	
1.13	Incoming MPCB of Suitable rating with Front Drive	
1.14	Incoming protection with choke	
1.15	Drive output Power of Suitable rating	
1.16	Heavy duty ABB/Siemens make VF Drive,	
1.17	Drive/Bypass selector switch	



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1.18	Starting facility in Star Delta mode in bypass	
1.19	Start/Stop/Emergency Stop -Push Button, Increase/Decrease	
1.20	Phase Healthy Indication Lamp	
1.21	Drive On/Trip Indication Lamp	
1.22	Suitable DP MCB for control	
1.23	Panel Cooling Fan with filter - 1 Set	

Scope of Work of the Vendor:

1. Design, Fabrication & Supply of 30 HP Heavy Duty VFD with Control Panel as per above mentioned specification: 1 No.
2. Installation & Commissioning of the 30 HP VFD with Control Panel (within 5 mtr from the motor) at site after disconnecting the existing starter connection complete in all respect with wiring other consumables.
Qty: 1 Set



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Annexure-B

General Terms & Conditions

2.1 Submission of offer

Bidder shall submit their offer in closed envelop along with EMD within the due date and time of the tender without any deviation of technical specifications.

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 along with the bid by means of Pay Order / Demand Draft in favour of Balmer Lawrie & Co. Ltd. payable at Kolkata. EMD amount also may be submitted by online Bank Transfer.

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 UAM 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.

Note: Since the requirement is only one item; order can not be split.

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 VFD is to be made within 8-10 weeks from the date of placement of PO/LOI whichever is earlier.

2.6 After sales service

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



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The price shall be quoted as per Price bid enclosed with this Tender.

2.8 Payment terms

- (i) 90% of basic order value with applicable taxes and duties for the entire contract value **[supply and commissioning]** will be released within **30 days from the date of supply and successful commissioning.**
- (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.

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

(Arnab Ghatak)
Sr. Manager (SCM)



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Price schedule

PRICE BID

	Commercial terms	Qty. (Set)	Unit rate	Amount(Rs.)
1.1	Ex-work price for the Supply of 30 HP Heavy Duty VFD with Control Panel as per above mentioned specification	1		
1.2	Packing & Forwarding charges			
1.3	Delivery charges (on door delivery basis)			
1.4	SUB TOTAL			
1.5	GST AMOUNT			
1.6	Total			
1.7	Net Landed Cost			
1.8	Charges for Installation & Commissioning of the 30 HP VFD with Control Panel (within 5 mtr from the motor) at site after disconnecting the existing starter connection complete in all respect with wiring other consumables.	1 Nos.		
1.9	GST AMOUNT			
2	Total Service Value			
2.1	Grand Total of [1.6]+[2.0]			

Contact Person :

Contact Number :

Signature with
official