



KERALA PAPER PRODUCTS LIMITED
(A Government of Kerala Undertaking)

INVITATION TO TENDER

26/11/2024

To

Dear Sirs,

Inquiry No. : KPPL/CP/ELE/2425
Due Date: 02/12/2024
Email ID: tenders@kpplonline.in

We invite you to submit your quotation for the following goods by e-mail in PDF format indicating our Inquiry No. and due date to tenders@kpplonline.in before due date ie on 02/12/2024.

Sl.No.		Unit	Qty
1	RETROFIT DC MOTOR 2.2 KW	No	1

Terms of Delivery: Free Delivery at our KPPL Store.

Terms of Payment: Within 30 days after receipt subject to acceptance.

Delivery required in case of placement of an Order based on this enquiry: **Immediate.**

Your offer should be specific with following break-up:-

- | | | |
|-------------------|--|-------------------|
| 1. Basis of price | 4. GST | 7. Delivery Time: |
| 2. Basic Price | 5. Discount offered % | |
| 3. Excise Duty % | 6. Other charges%(Like P&F, Freight etc) | |

Your offers should be mailed to tenders@kpplonline.in only otherwise offers will not be considered. You may please indicate the **tender number as the subject of the mail.**

Yours faithfully
For Kerala Paper Products Ltd

AUTHORISED SIGNATORY

Description of present system:

The **Roll Wrapping Machine** is used for packing paper reels. The **Crimping Wheel motor** drives two cylinders, which are coupled with a geared motor via a chain and sprocket. The paper reels are rotated on these cylinders for packing.

The packing cycle begins by rotating the reel at a constant speed (S1) while drawing Kraft paper using other auxiliary drives. After the reel is wrapped with Kraft paper, the drive is switched to a lower speed reference (S2) for cutting of Kraft paper. After cutting of Kraft paper, drive reference is increased to higher speed (S3) for crimping process. During the crimping process, the edges of the Kraft paper are crimped with the help of the crimping wheel. The speed references (S1, S2 and S3) are preset and selected using **Digital Inputs**. The system has four digital inputs: **Start**, **Speed S1 Selection**, **Speed S2 Selection** and **Speed S3 Selection**.

The entire process takes approximately 7 minutes. Afterward, the same process is repeated after a 3-minute interval.



Fig

1:Nameplate of Gearbox

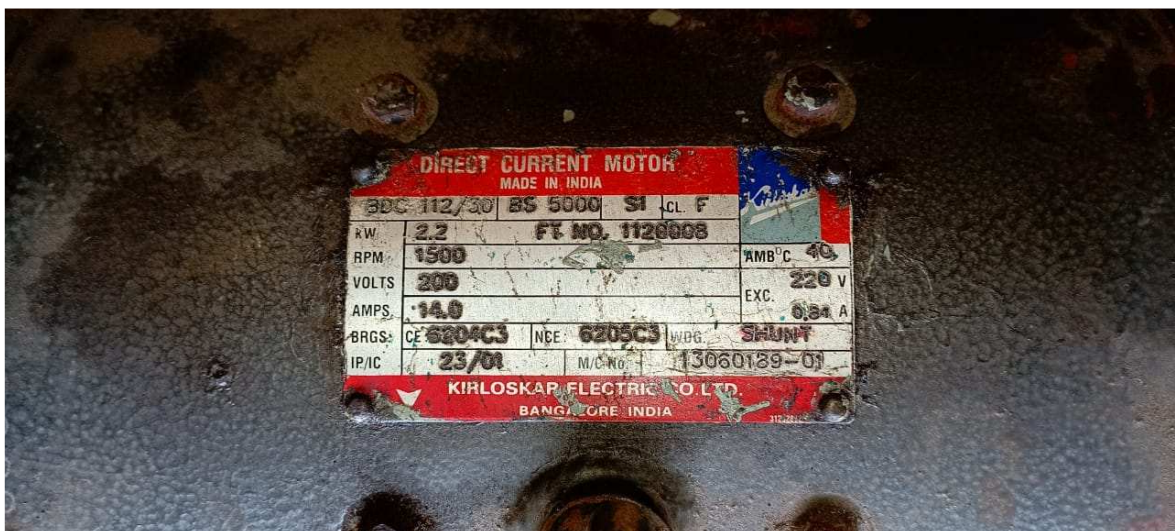


Fig 2: Nameplate of Motor

Nameplate Motor Details		
1	Motor power	2.2Kw DC motor Separately excited
2.	Arm. Voltage	200 V
3.	Arm.Current	14 A
4.	Field Voltage	220 V
5.	Field Current	0.8 A
6.	Mounting	B3
Nameplate GearBox Details		
1.	Input Speed	1500 rpm
2.	Actual ratio	18.38/1
3.	Output speed	81.6 rpm

Ambient Conditions:

1. Temp : 25⁰C to 45⁰C
2. Humidity : Relative humidity 80% to 100%
3. Dust : Paper Dust
4. Chemicals : Not present

Scope of Works:

1. **Detailed engineering** for sizing of the AC induction motor (or gear motor, as required) along with the VFD drive, input choke or DC choke (as required), and dynamic braking resistance. The VFD should operate at 50°C without air conditioning and in dusty environment.
2. **Supply** of one AC induction motor (or geared motor, as designed), VFD drive, choke (input or DC choke, as specified), DBR panel, and a panel for the drive if the existing panel (space available: 32 cm x 32 cm x 15 cm) is not suitable for the VFD. Any additional components, such as MCB, auxiliary contactor, if required for retrofitting should also be included.
3. **Commissioning of the drives** and their synchronization with the existing drive system.

Other Terms and Conditions

1. 2 copies of control drawing as commissioned along with drive modified parameter list to be supplied by Vendor
2. 1 copy of each 'Operating instructions' and 'List Manual' to be supplied
3. Software to be installed on one PC of KPPL for drive parameter changing and troubleshooting.
4. One communication cable for establishing connection between PC and the drive.



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CONDITIONS OF TENDER

1. **Price** : It should be quoted item-wise with tax, duties etc. In case packing and forwarding charges are involved the same should be shown separately, if not it will be treated as inclusive. The rates quoted should be in words and figures invariably
 2. **Excise Duty, Cess & GST** (a) : Taxes should be shown separately, wherever applicable
(b) : Rates of taxes should be clearly indicated.
(c) : Excise duty & cess payable should be indicated separately with rates of duty/cess.
(d) : Other taxes should also be shown separately.
(e) : MODVAT is not applicable for our purchase.
- Note** (a): If duty/cess and taxes are not shown specifically it will be assumed that the rates quoted are inclusive of the same for all purpose. However in the event of an order arising out of the offer, break-up of taxes and duties to be shown separately in the invoice.
(b) : In case you are a SSI Unit/ Khadi and village industry, the same may be indicated with registration number and copy of the certificate.
3. **Basis of price** : The price should be quoted indicating either F.O.R Dispatching station or F O.R Destination basis. If no specific mention is made in your offer , price will be treated as FOR Destination.
 4. **Validity of offer** The tenders should be valid for a minimum period of 60 day from the due date.
 5. **Delivery period**: A firm delivery date/period should be indicated. Delivery period reckoned shall be treated from the date of release of purchase order.
 6. **Firm price** : In the event of order price shall be firm till complete execution of the order.
 7. **Payment terms**: Our payment term is within 30 days after receipt subject to acceptance of materials . Offers with other payment terms is liable to the rejected/cost loaded.
 8. **Correction and errors** : Quotation should be free corrections and errors.
 9. **Technical details of offer**: Manufacturers name, country of origin and brand/make of the materials offered must be clearly specified . Complete/detailed illustrated, literature must accompany all quotations
 10. **I.S Marking** : Contracts as a result of this tender enquiry will be only for stores having I.S. marking and in case I.S. marked articles are not available ,stores strictly conforming to IS specification. will be preferred.
 11. **Penalty** Penalty shall be imposed in the form of Liquidated damages at the rate of 0.5% per week or part thereof of the value of the goods for the delayed period beyond the stipulated delivery date in the order duly accepted by vendor. This recovery will be limited to 10% of value of goods without prejudice to the purchaser's other rights.
 12. **Rights of acceptance or rejection of tender** : KPPL does not bind itself to accept the lowest or any tender or assign any reason for non acceptance. It further reserves the right to accept any tender wholly or in part at its option. It also reserves to itself the right to take 25% more/less of material on any orders placed against this enquiry.
 13. **Acceptance of Full/part quantity** : Tenders should clearly mention whether the prices hold good when full quantity of enquiry is not ordered but only a part of it. Unless otherwise mentioned, it would be assumed that the rates hold good even for lesser quantities.

14. **Vendors Registration No.**

: Please indicate in your quotation the registration No. allotted by us and its validity

15. **Non submission of offer:**

:In case you are unable to submit the offer against this tender, please send a regret letter to that effect.

16. **Submission of offer**

: The offers should be submitted by e-mail in PDF format indicating our Inquiry No and due date to tenders@kpponline.in, before due date.

17. Price evaluation :

Shall be based on the terms and conditions mentioned in the tender. In case of any deviation in the terms and conditions or in the technical specifications or in any other, requirement. The Company reserves the right to reject the submitted bids or do the price

Evaluation based on the impact of the deviations in the bid, if any.