

Kerala Paper Products Limited
(Government of Kerala Undertaking)

NEWSPRINTNAGAR PO,
KOTTAYAM.
KERALA – 686 616. INDIA.
www.keralapaper.in
CIN: U21013KL1983GOI003735

INVITATION TO TENDER

13/01/2025

To

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Inquiry No. : KPPL/CP/ELE/2470
Due Date: 16/01/2025
Email ID: tenders@kpplonline.in

Dear Sirs,

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 16/01/2025

S.N	Description	Unit	Qty
1	VFD 75 KW WITHOUT PANEL NORMAL VFD 75 KW WITHOUT PANEL,NORMAL DUTY SPECIFICATION AS PER ANNEXURE.	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: **5 days**

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

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

Yours faithfully
For Kerala Paper Products Ltd

AUTHORISED SIGNATORY

TECHNICAL SPECIFICATIONS AND SCOPE OF SUPPLY FOR 75 kW VARIABLE FREQUENCY DRIVE MODULE FOR RG MACHINE (WITHOUT PANEL)

SCOPE OF SUPPLY AND SERVICES

Supply of 75 kW Siemens Master Drive or its new version (VFD) for one to one replacement of Siemens Masterdrive SIMOVERT CUVC 6SE70-31-5EF60, 3AC 380-480V rated input and programming of new drive for RG Machine Head Stock motor which would work in synchronisation with the other master drives and PLC in the loop.

Description of present system:

Siemens Masterdrive VC is used for controlling 75kW Head Stock motor of Roll Grinding Machine. Head Stock motor works in closed loop speed control. Speed feedback is given Hubner make 24V incremental encoder of 1024 resolution. Drive has to receive 10V as speed reference form the control desk. One 10V analog output is used for displaying actual speed of the drive. Two digital input has been used for inch forward and inch backward commend. One DI is used for reset of drive fault. One DI is used for emergency stop of the system. One relay output is used for drive healthy output. Single line diagram of the drive is given in fig-1.

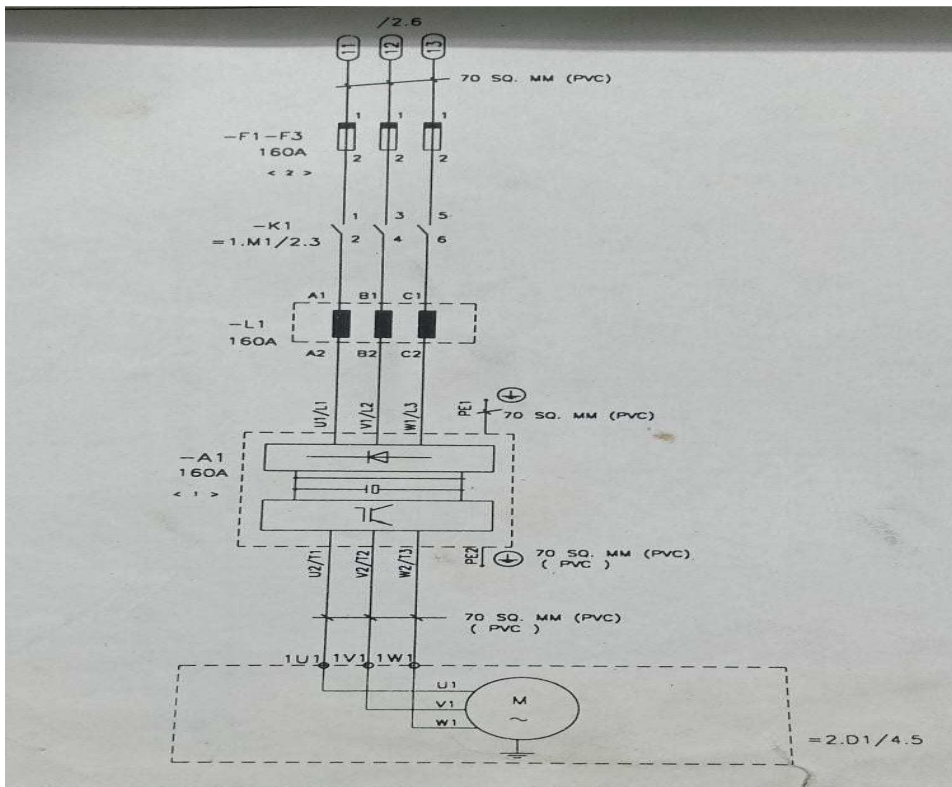


Fig --1

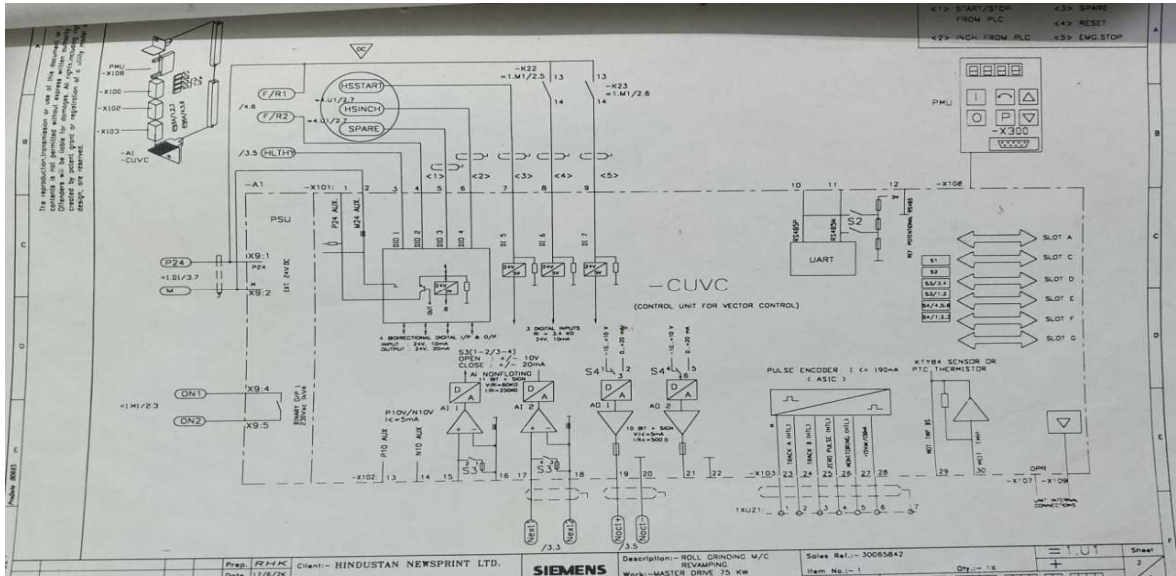


Fig-2

Drive control diagram is given in fig-2.

Scope of supply

- i. VFD.
- ii. Input chokes (if present input choke is not suitable with offered VFD).
- iii. Assistance for commissioning of the drive and its synchronisation with the other master drives.

Special Notes:

- 1) The model nos. & ratings of the VFDs offered should be properly stated in the offer.
- 2) The technical specifications of the offered VFDs should be given in detail.
- 3) The product catalogue showing complete technical specification of the VFD offered should be enclosed with technical bid.
- 4) Variable Frequency Drive offered should be designed with Input Voltage rating: 415Volts, 3Phase, 50Hz with a voltage variation of $\pm 10\%$ on voltage and $\pm 5\%$ on frequency.
- 5) Ambient temperature: 45 deg Celsius & Relative Humidity of 95%.The offered drive shall be suitable for existing motors with class B insulation.
- 6) One set each of Instruction – Configuration manuals (hard copy) to be supplied along with the drive.
- 7) All cards used in VFD should be of conformal coated.
- 8) The test certificates of the VFD to be submitted along with dispatch intimation of panel.

Performance Guarantee: Supplier shall provide performance guarantee for the drive including all components of drive, and any extra elements added to standard drive for 12 months from the date of commissioning or 18 months from the date of despatch.

Make of VFD: Siemens (Master drive or equivalent) Only.

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 confirming 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@kpplonline.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.