



KERALA BOOKS AND PUBLICATIONS SOCIETY

(An undertaking of the Government of Kerala)
Kakkanad P.O. Kochi-682 030, Kerala



No. P1-3513/2024/ 2565

Date: 08/07/2024

e-Tender Notice for the Supply, Erection, Installation, Testing and Commissioning of Four Colour Web Offset Printing Machine

e - tenders are invited through www.etenders.kerala.gov.in for the **Supply, Erection, Installation, Testing and Commissioning of Four Colour Web Offset Printing Machine - 1 no.**, with the technical specification attached as Annexure A, in two bid system.

Terms and Conditions

1. Bidders possessing valid Digital Signature Certificate can submit their offers online. The manual submission of the same will not be entertained; online offer through www.etenders.kerala.gov.in only will be accepted.
2. Resubmission of offer is possible, before the last date as permitted in the web site.
- 3.

Tender reference no.	P1-3513/2024/ <u>2565</u> . dated .08./07/2024
Name of the work	Supply, Erection, Installation, Testing and Commissioning of Four Colour Web Offset Printing Machine
Quantity	1 no.
EMD	Rs. 6,00,000/-
Cost of Tender document (non-refundable)	Rs. 90,000/-
Date of pre bid meeting query and participation confirmation end date	08./08./2024 at 11.00 hrs
Date of online pre bid meeting	13./08./2024 at 14.00 hrs
Due date for online tender/bid submission	07./10./2024 at 11.00 hrs
Date of online bid opening	11./10./2024 at 11.00 hrs
Period of validity of price/offer	6 months (180 days) from opening of tender

4. An online pre bid meeting will be arranged by KBPS on the aforesaid date. Those who are interested for participating in the meeting should send their details/queries to the e-mail ID: kbpspurchase@gmail.com within the time mentioned in the above table.

5. Prices quoted should be for the supply, installation, testing and commissioning of the machine at KBPS, Kakkanad, Kochi - 682030
6. Bidders are requested to quote rates in the price schedule (BOQ) only. The basic rate (including all expenses like transportation of the machine till KBPS, unloading and positioning of the machine) till the commissioning of the machine at KBPS, Indian GST, taxes/levies, AMC charges should be quoted separately in the respective columns of BOQ. Please do not quote/mention rates anywhere else in the tender other than BOQ. **The AMC charges also will be accounted in deciding the lowest offer (L1) in the financial bid.**
7. The tenderer should submit an undertaking in their own letterhead (as per the format attached in tender document) stating that if they are the successful tenderer they are ready to supply the consumables and spares having proprietary nature for the installed machine without any advance payment towards the cost of the same.
8. The successful party should provide sufficient and proper operational and maintenance training to the concerned staff of KBPS.
9. Those parties who are quoting for sheeter unit should specify the maximum printing speed of the machine that can be achieved with sheeter
10. The successful party should make all the arrangements for unloading, positioning and installing the machine at the allotted space at KBPS at their own cost.
11. Parties/contractors who have defaulted in executing any purchase order/contract with KBPS or whose purchase order/contract were terminated by KBPS are not eligible to participate in this tender.
12. **Payment will be made only after the satisfactory receipt, installation and commissioning of the machine in good condition and to the satisfaction of KBPS.**
13. The parties are requested to specify their GST no., PAN and HSN code of the item.
14. The scanned copy of the brochures/specification of the quoted item (in English) should be submitted online and subsequently the original in a separate cover should reach the office of the undersigned on or before the opening time of the tender.
15. The near relatives of employees of KBPS are not eligible to participate in the tender. The relationship for the purpose will be as specified in Annexure 21 of Stores Purchase Manual of Kerala (extract given as Annexure B). In addition to this mother's sister's son/daughter shall also deemed to be a relative. The scanned copy of the declaration (annexure C) in this regard, duly filled and signed should be submitted online.
16. The scanned copy of the agreement in Rs. 200/- Kerala stamp paper duly filled, signed and sealed, in every page should be submitted online.
17. The scanned copy of the Tender document duly filled, signed and sealed in every page should be submitted online.
18. Tenders/bids received through online without duly filled, signed and sealed preliminary agreement, tender document; Annexure C will be treated in accordance with the Stores Purchase Manual of the Government of Kerala and its amendments from time to time.

19. All the rights to accept or reject whole or part of the offer without assigning any reason thereof is reserved by KBPS. The decision of KBPS will be final and binding on the tenderer. The Courts at Ernakulam alone shall have jurisdiction over the subject matter of the contract.
20. All rules and regulations of the Tender/bid shall be in accordance with the Stores Purchase Manual of the Government of Kerala.



MANAGING DIRECTOR

To

Vendors as per list

Copy to: PM/Fin/J.S (Administration) – To advertise in Kerala Gazette, Indian Trade Journal and suitable Dailies (in one or more leading regional language newspapers and also in one or two issues of a leading English newspaper published in India having wide circulation/IT team to uplink in website

Annexure A

Technical specification for the Supply, Erection, Installation, Testing and Commissioning of Four Colour Web Offset Printing Machine - 1 no

Four color web offset printing machine with cut-off size 578 mm including two nos. 4 – HI tower units, heavy duty 2:2:2 folder unit, heavy duty quarter folder unit, sheeter unit (optional) and all attachments and features as listed below - 01 no.

High speed four color web offset printing machine with cut – off size 578 mm suitable for printing 16 +16 = 32 pages A4 size four color with two 4- HI tower printing unit modules .

1. Production speed/maximum printing speed:
 - i) With half page folder/2nd fold : 35,000 - 36,000 CPH
 - ii) With Quarter page folder/3rd fold : 30,000 CPH
2. Web width : 889 mm – 915mm
3. Maximum reel diameter : Between 1,067 – 1,070 mm
4. Cut - off length : 578 mm
5. Plate mounting : Tool less slot gap lock – up mechanism with bearer rings on cylinders
6. Blanket cylinder lock – up : Blanket cylinder with bearer rings for better life of the printing module with suitable blanket locking mechanism
7. Folder – Features
 - i. Heavy duty 2:2:2 jaw folder capable of folding broad sheet up to 06 webs
 - ii. Air cushioned former
 - iii. RTF arrangement
 - iv. Cut-off compensators,
 - v. Lap adjustment facility
 - vi. Slitter mechanism for tabloid size production
 - vii. Mechanical counter
 - viii. Kicker facility for 25 copies (optional)
8. One heavy duty quarter page folder unit with cross and longitudinal perforation.
9. Two nos. of 4 HI Tower units for four color blanket to blanket cold set color printing on two webs to give 32 page A4 size signatures, with
 - i. Swing down ink fountain with calibrated lever type Ink keys
 - ii. Ink roller train with form rollers and PU coated oscillators
 - iii. Spiral brush dampening system with motorized water pan roller having variable speed-control facility
 - iv. Motorized plate register for lateral and circumferential adjustments

- v. Pneumatically operated dampening ink and impression ON/OFF (with good quality/branded air compressor and suitable capacity air dryer to provide moisture – free/dust free compressed air to machine)
- vi. Non – contact web – break detectors/infrared web – break detectors
- vii. Fan-out correction devices
- viii. Oscillating rollers are on needle roller bearings

10. Dampening system : Modern built- in brush dampening with auto – mix fountain system

11. Central operating console with PLC based drive panel:

- i. One free standing central console for press controls and automatic sequential mode of printing functions with touch screen

12. Reverse Inchng facility

13. Two face clutches for isolating each tower units

14. Printing stock : 50 gsm to 100 gsm

15. Reel stands and Autopasters suitable for two tower units, each with:

- i. Trolley system suitable for loading reels of maximum capacity 750 Kg., heavy duty type, in each reel stand unit
- ii. Pneumatically operated dancing roller linked to reel brakes with programmable tension control system for constant web tension
- iii. Pneumatically operated ventilated disc brakes
- iv. PLC controlled auto pasting ~~system~~ with Auto/manual facility in each reel stand unit

16. Chiller unit and its accessories with Auto-mix fountain ~~system~~

17. Suitable compressor for all pneumatic operations.

18. Automatic color to color close registration system (of branded and proven quality) for two nos. 4-HI towers and auto-cut- off controls on folder unit.

19. Working voltage: 415 volt, 3 phase, 50 Hertz.

20. Plate bending/plate punching machines of manual type.

21. One set of all the standard accessories and connecting parts as per the configuration

- (i) Autopaster + 4 – HI + 2:2:2 F + Q.F + 4 – HI + Autopaster.
- (ii) Autopaster + Autopaster + 4 – HI + 4 – HI + 2:2:2 F+ Q.F+ Sheeter (Optional)

Other conditions

1. All software and accessories, compressors, vacuum pumps, UPS etc must be provided along with the machine
2. Minimum 1 (one) year comprehensive warranty must be provided. After Warranty, the rates, terms and conditions regarding AMC also to be provided.
3. System acceptance will be provided only after satisfactory performance in continuous Production.
4. The tenderers should ensure the supply of consumable and spare parts.
5. All manuals related to operation, maintenance and spare parts must be provided with the system in hardcopy (3 copies each) and softcopy.
6. Proper operational and maintenance training must be provided to KBPS staff

7. Items which are not covered under Technical specification shall be carried out as per relevant IS specification or as per manufacturer's specification.
8. Those parties who are quoting for sheeter unit should specify the maximum printing speed of the machine that can be achieved with sheeter.