

F. No. 2.2(10)/2020-G.II
UNION PUBLIC SERVICE COMMISSION
(SANGH LOK SEVA AYOOG)
DHOLPUR HOUSE, SHAHJAHAN ROAD,
NEW DELHI -110069

NOTICE INVITING TENDERS

To _____

Dear Sir/Madam,

Online bids are invited under two-bid system for **Supply, Installation, Testing and Commissioning of 2 (two) nos. of state-of-the-art OMR cum Colour Image Scanners with one-year warranty** and subsequent **Comprehensive Annual Maintenance Contract for 5 (five) years** from Original Equipment Manufacturers (OEMs)/authorised dealers /suppliers/resellers/distributors/channel partners of the OEM who have experience in supply, installation, testing, commissioning and maintenance of **OMR cum Colour Image Scanners**. The technical specifications of the OMR cum Colour Image Scanners and Scope of Work of the AMC are indicated in **Annexure-I & Annexure-III** of this document respectively. **Manual bids shall not be accepted.**

Tender documents may be downloaded from UPSC website www.upsc.gov.in (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule given in **CRITICAL DATE SHEET** as under:

CRITICAL DATE SHEET

Date of Publishing on CPP Portal	21.01.2023
Document Download Start Date	21.01.2023 (1200 hrs)
Bid Submission Start Date	21.01.2023 (1200 hrs)
Bid Submission End Date	10.02.2023 (1200 hrs)
Clarification Start Date	21.01.2023 (1200 hrs)
Clarification End Date	27.01.2023 (1200 hrs)
Date & Time for Opening of Technical Bids	13.02.2023 (1400 hrs)
Earnest Money Deposit (EMD)	Rs.11,20,000/- (Rupees Eleven Lakh Twenty Thousand only)

Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. **Bidders are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <https://eprocure.gov.in/eprocure/app>' as at Annexure-IX.**

Bid documents may be scanned with **100 dpi** with black and white option which helps in reducing size of the scanned document.

GENERAL TERMS & CONDITIONS

1. Procedure of Submission of Bids:

Bids should be submitted through **Central Public Procurement Portal (e-procurement)** only. The tender shall be submitted online in two parts, viz., **Technical Bid** and **Price Bid**. All the pages of bid being submitted must be **signed and sequentially numbered** by the bidder irrespective of nature of content of the documents before uploading. The offers submitted by Fax/e-mail or any other mode shall not be considered. No correspondence will be entertained in this regard. The hard copy of original instruments of Earnest Money Deposit (EMD) of **Rs. 11,20,000/-** in the form of a Demand Draft/Pay Order/FDR payable to the Secretary, UPSC must be dropped in the **Tender Box at Reception, Gate 'C' of UPSC, Dholpur House, Shahjahan Road, New Delhi-110069** on or before the last date/time of submission of online bids as mentioned in Critical Date Sheet.

(i) TECHNICAL BID

The bidder should submit **scanned copies** of the following documents mentioned in the CHECKLIST as at Annexure-VII **duly signed by the authorised signatory** along with the Technical Bid :-

- (a) Certificate of Incorporation of the firm;
- (b) PAN card of the firm;
- (c) GST Registration Certificate;
- (d) ISO 9001:2008 Certificate;
- (e) OEM authorization for supply, installation, testing, commissioning & maintenance of its OMR cum Colour Image Scanners;
- (f) IT Returns of the firm for each of the preceding three years including the financial year 2021-22;
- (g) Audited Balance Sheets of the firm for each of the preceding three years including the financial year 2021-22 in support of average annual turn-over of **Rupees 2 Crore or above;**
- (h) Work Orders as per Clause 4(ii) of the NIT;
- (i) List of clearly defined consumable items as specified at Clause 8 of the NIT;
- (j) Technical Compliance Statement as at Annexure-IV;
- (k) Undertaking as at Annexure-VI duly signed by authorised person;
- (l) Earnest Money Deposit (EMD) of **Rs. 11,20,000/-** or scanned copy of certificate if claiming EMD exemption;

(ii) PRICE BID:

- a.) The bidder will submit its rates in **BOQ (.xls) format** in accordance with the proforma for Price Schedule prescribed at **Annexure-V**.
- b.) Applicable taxes, if any, should be mentioned separately in the Price Bid failing which the rates quoted by the bidder would be taken as inclusive of all taxes.
- c.) The cost of OMR cum Colour Image Scanner shall include all charges related to transportation of equipment/materials to UPSC, installation & commissioning of the full configuration/equipment, software development & integration and training.
- d.) All rates shall be quoted in Indian National Rupees (INR). Rates quoted in any other currency shall not be considered for evaluation.
- e.) The Price Bid should be valid for 180 days from the date of opening of the tender.

2. EARNEST MONEY DEPOSIT:

An Earnest Money Deposit (EMD) of **Rs. 11,20,000/- (Rupees Eleven Lakh Twenty Thousand only)** is essentially required to be submitted along with the tender. EMD shall be deposited in the form of a Demand Draft/ Pay Order/ FDR from any Nationalized or Commercial Bank payable to the Secretary, UPSC at Delhi/New Delhi failing which the bid will be summarily rejected. Kendriya Bhandar/NCCF, firms registered with MSME/NSIC or any organization exempted from submission of EMD under government rules are exempted from submission of EMD on submission of documentary proof. For other bidders, submission of EMD in prescribed form as mentioned above is mandatory.

- i.) The EMD shall be valid for minimum period of 45 (forty five) days beyond validity of the bid.
- ii.) The EMD shall be scanned and uploaded to the e-tendering website within the period of tender submission and original should be deposited in UPSC.
- iii.) The EMD of the unsuccessful bidders would be returned to them after the finalization of the tender. No interest on EMD would be paid by UPSC, under any circumstances.

3. **PERFORMANCE SECURITY:**

- i) The successful bidder will be required to furnish a Performance Security of 5% of the total cost of the equipment at the time of purchase within 10 days of receipt of the supply order. The Performance Security shall be in the form of Demand Draft/Pay Order/Bank Guarantee/FDR from any Nationalized Bank or Commercial Scheduled Banks drawn in favour of Secretary, UPSC payable at Delhi. The Performance Security should be valid till ninety days beyond the completion of the warranty obligations. The EMD would be returned to the successful bidder on receipt of the Performance Security. No interest on Performance Security would be payable by UPSC under any circumstances.
- ii) After the warranty period, the bidder will have to furnish an additional Performance Security in respect of the Comprehensive AMC of OMR cum Colour Image Scanners. The said Performance Security shall be 10% of the total cost of AMC for 5 years, valid up to ninety days beyond the completion of all contractual obligations.
- iii) UPSC reserves the right of forfeiture of the performance security in the event of the contractor's failure to fulfil any of the contractual obligations or in the event of termination of contract as per terms and conditions of the contract.
- iv) It should be clearly understood that in the event of supply / installation / testing / commissioning or maintenance of OMR cum Colour Image Scanners not being completed as per the quality and specifications approved by UPSC, the Performance Security is liable to be forfeited. This will be in addition to the liquidated damages/penalty, if any, which may be imposed as specified in the terms and conditions hereto.
- v) In case the bidder fails to submit the Performance Security of the requisite amount within the stipulated period or extended period, Letter of Intent will automatically stand withdrawn and EMD of the contractor shall be forfeited.

4. **ELIGIBILITY CRITERIA:**

Eligibility Criteria given below specify minimum eligibility criteria in various areas to ensure that Bidder has necessary experience, expertise, financial and human resources to successfully supply, install, test, commission and provide maintenance services for the desired **OMR cum Colour Image Scanners**. **Bidders/ OEM's not meeting these qualification criteria should not participate in the process of bidding, as bids of those not meeting these conditions will be summarily rejected.** Bidder should fill in point by point compliance and attach relevant documents in serial against each of the clauses below:

- (i) The bidder shall necessarily be a legally valid entity and should have been in existence for at least 10 (ten) years as on the date of opening of bid. In this regard, the bidder must submit a copy of the Registration/Certificate of Incorporation of the company.
- (ii) The bidder must have **experience of supply, installation, testing and commissioning of OMR Scanners or similar equipment** to government departments, reputed educational institutions like IITs, NITs, Public Service Commissions or reputed private educational institutes/universities. In this regard, the bidder must furnish proof of at least one successfully executed Supply Order towards supply of similar machine(s) during the preceding 10 years (ending last day of the month previous to the one in which applications are invited).
- (iii) The firm must have an average annual turnover of at least **Rs. 2,00,00,000/- (Rupees Two Crore only)** during the last 3 years including financial year 2021-22. In this regard, the bidder must furnish copies of Audited Balance Sheets of the firm during each of the preceding three years including financial year 2021-22.
- (iv) The bidder must possess authorization from the OEM for supply, installation, testing, commissioning & maintenance of the OMR cum Colour Image Scanners. The bidder must furnish a copy of the same in its technical bid.
- (v) The bidder must be an **ISO** certified company in the business of Supply, Installation, Testing, Commissioning (SITC) and maintenance of OMR cum Colour Image Scanners. In this regard, the bidder must furnish a copy of **ISO 9001:2008** certification along with its technical bid.

OTHER TERMS AND CONDITIONS

5. The manufacturer of OMR cum Colour Image Scanners must preferably have an authorised agency located at Delhi/NCR which should be capable and responsible for supply, installation and maintenance of the machines. In case the supplier of machine is not located at Delhi/NCR, the supplier will have to position Service Engineer(s) at Delhi/NCR to cater to the service/maintenance coverage of 100 days spread across each calendar year to ensure trouble free scanning of OMRs after the conduct of each exam.
6. The vendor shall ensure a minimum uptime of 95 per cent for the full configuration/equipment during the Warranty period. During the warranty period, the vendor shall provide continuous maintenance support by deputing Service Engineers on all days when scanning shall be done on the machines. If there occurs any failure, the engineer will identify the fault immediately and should resolve the same within 24 hours. The vendor will ensure that all complaints with regard to OMR working will have to be rectified to the satisfaction of UPSC within a maximum period of 24 hours, failing which, a penalty as mentioned at Clause 20 (i) of the NIT will be imposed at the time of releasing payment towards supply of OMR cum Colour Image Scanners.
7. After completion of the warranty period, the bidder will have to enter into a separate comprehensive AMC agreement for 5 (five) years with the Commission. In this regard, the vendor will have to furnish an additional Performance Security of 10% of the total cost of AMC for 5 years at the time of executing the AMC agreement. The same shall be valid up to ninety days beyond the completion of all contractual obligations. The AMC would include all the spare parts inclusive of any spare part to be replaced due to any normal wear and tear during the currency of the AMC period except clearly defined consumable items mentioned by the bidder in its technical bid as stipulated under Clause 8 of the NIT.
8. The bidder must mandatorily furnish a list of regular consumables such as Retard Pads, Pick Belt, Flexure Assy, Transport Printer Ribbons etc. along with their rates and frequency of replacement of the consumables as per the proforma given at Annexure-VIII. Taxes, if any, should be mentioned separately along with the rates. The rates quoted by the bidder against these items shall remain firm during the currency of the AMC except changes in GST as notified by the Government from time to time. Supply Order for these items will be optional to UPSC and shall be ordered as per the requirement of the Commission.
9. The AMC of the OMR cum Colour Image Scanners shall commence on “as is where is” basis. The firm shall provide Engineers on call basis and shall depute Service Engineers when scanning activity of used OMR Sheets/SAL is in progress during the AMC period to look after the maintenance of the OMR cum Colour Image Scanners. The firm should have technical staff with adequate experience in managing and maintaining of OMR cum Colour Image Scanners and similar equipment. A technical compliance statement as at Annexure-IV of this document duly signed by the authorised signatory should be enclosed with the technical bid.

10. The vendor shall ensure minimum uptime of 95% for the full configuration/equipment during the AMC period. In case of any failure of the equipment, the engineer will identify the fault immediately and should resolve the same within 24 hours. The vendor shall ensure that all complaints with regard to proper functioning of the OMR cum Colour Image Scanners will have to be rectified to the satisfaction of UPSC within a maximum period of 24 hours, failing which, a penalty as specified at **Clause 2 of the Scope of Work** will be imposed at the time of releasing quarterly payments towards the AMC.
11. **Delivery Schedule:** Delivery of the equipment shall be completed within **45 days** of issue of Supply Order. In case of delay, a penalty @0.5% of the price of the delayed goods/services for delay of each week or part thereof may be imposed, unless the Commission has, in writing, condoned the delay of the supply. In case of delay beyond 10 days of the delivery period, UPSC may cancel the supply order and forfeit such amount or full amount of the Performance Security of the firm, as deemed fit, besides procuring the material from any other source at the risk and cost of the bidder. The decision of Secretary, UPSC in this regard shall be final and binding.
12. **Installation and Commissioning:** The successful bidder will have to install and integrate the complete system and make it fully operational as per UPSC's requirements within 45 days of the delivery of the equipment. In case of any delay, a penalty @1% for each day of delay subject to maximum 10% of total cost of the equipment may be imposed and deducted from the concerned bill, unless the Commission has, in writing, condoned the delay of installation and integration.
13. The bidder must indicate in its price bid the per annum cost of Annual Maintenance Contract of the OMR cum Colour Image Scanners after completion of the warranty period. It is to be noted that AMC value will be considered for evaluation of price bid. Bids not received in the prescribed format are liable to be rejected. The AMC rate shall remain firm during the currency of the contract and no change shall be allowed to the quoted rates for any reasons except GST changes as notified by the government from time to time.
14. In the event of any dispute as to whether the system down time is due to damage caused by mishandling or malfunctioning, the issue may be referred to the Department of Information Technology, Govt. of India for a decision. The decision of the Department of Information Technology will be final and binding upon both parties.

15. EVALUATION OF FINANCIAL BIDS:

- i) The Financial Bids of only those bidders would be opened whose Technical Bids have been approved by the Competent Authority of UPSC after detailed examination.
 - ii) The bidder must quote rates for all items in the Price Schedule as at **Annexure-V**. The rate for each item mentioned in the Price Schedule is to be quoted separately as per the given format.
 - iii) Rates should be quoted exclusive of taxes. Taxes as applicable shall be quoted separately along with rates, failing which, quoted rates would be taken as inclusive of taxes and no further request for inclusion of taxes would be entertained by this office.
 - iv) Rates quoted for the OMR cum Colour Image Scanners shall include all charges related to transportation of equipment/materials to UPSC, installation & commissioning of the full configuration/equipment, software development & integration and training.
 - v) The L-1 bidder will be decided on the basis of the total cost (inclusive of taxes) of all items listed in the Price Schedule.
16. The bidder must submit an undertaking that it has not offered lower rates for similar items/services to any other Ministries/Govt. Organizations than the rates quoted in its Price Bid for this tender. The undertaking should be submitted in proforma prescribed at Annexure-VI
17. Income Tax: Recoverable at source from the bills, as applicable. Bidders should furnish their permanent I.T. A/c No. (PAN). They are also required to furnish a certificate as at Annexure-VI that they have not been penalized or convicted for concealment of income/wealth during the preceding three years.

18. PAYMENT TERMS:

- i) 50% payment against supply of OMR cum Colour Image Scanners to be released after complete delivery of the BOM.
- ii) 40% payment against supply of OMR cum Colour Image Scanners to be released after successful installation and commissioning of the complete hardware and software including scoring software as per requirements of the Commission and after training the officials of UPSC in the use of the machines.
- iii) 8% payment against supply of OMR cum Colour Image Scanners to be released after final acceptance and successful scanning of used OMR Answer Sheets of one exam.
- iv) Remaining 2% payment against supply of OMR cum Colour Image Scanners shall be released on completion of the warranty period of the machines.
- v) Payment towards the comprehensive Annual Maintenance Contract will be made on quarterly basis on successful completion of work duly certified by the user branch of UPSC. The contractor will have to submit the bills along with certificate from the user Branch and Preventive Maintenance report at the end of each quarter.

19. **RISK PURCHASE CLAUSE:**

If the bidder after submission of bid and due acceptance of the same i.e. after the placement of order fails to abide by the terms and conditions of the tender document or fails to supply the materials or execute the work as per prescribed schedule given, UPSC will have the right to forfeit the EMD, invoke the performance security deposited by the bidder and get the materials or work done from other firm at the risk and consequence of the bidder. The cost difference between the alternative arrangement and bidder's bid value will be recovered from the bidder along with other incidental charges including custom duties, taxes, freight and insurance etc. In case UPSC is forced to procure the materials and get installation done through alternative sources and if the cost is lower, no benefit on this account would be passed on to the firm.

20. **PENALTY:**

- i.) During the Warranty period, if the vendor fails to maintain minimum system uptime of 95 per cent for the full configuration/equipment, UPSC reserves the right to impose a penalty as per **Clause 2(e)** of the **Scope of Work** (at Annexure-III) at the time of releasing payment towards the supply of OMR cum Colour Image Scanners.
- ii.) During the AMC period, if the vendor fails to maintain minimum system uptime of 95 per cent for the full configuration/equipment, UPSC reserves the right to impose a penalty as specified at **Clause 8 of the Scope of Work** (at Annexure-III) on the quarterly bill of the firm.

21. **ARBITRATION:**

Any dispute or difference whatsoever arising between UPSC & the firm out of or relating to the conclusion, meaning and operation or effect of this contract or the breach thereof shall be settled by the Arbitrator to be appointed by UPSC in accordance with the provisions of Arbitration and Conciliation Act, 1996 and the award in pursuance thereof shall be binding on UPSC & the firm. The venue of Arbitration shall be at Delhi.

22. **JURISDICTION:**

Subject to the arbitration herein above provided, any suit or proceedings to enforce the right of either of the parties hereto the contract shall be instituted in and tried only by the courts in Delhi and by no other court, and both the parties hereto hereby expressly agree to submit to the jurisdiction of such court.

23. **FORCE MAJEURE:**

- a. UPSC or the bidder, as the case may be, in case of any failure or omission to complete the contractual liability or having delayed the performance of its work on account of natural calamities such as fires, floods, earthquakes, hurricanes etc. and reasons beyond one's control such as civil strikes, lockouts, strikes, riots, civil war etc. shall not be held responsible for such omission, failure or delay and shall be relieved of their respective obligations to perform provided either party give to the other party a notice within 21 days of the occurrence of such incidence.
 - b. Either party, as and when it gives notice of *force majeure* shall provide confirmation of such events in the form of certificate from the Government Department or agency or Chamber of Commerce. The parties shall be relieved of their respective obligations to perform hereunder for so long as the event of *force majeure* continues and to the extent their performance is affected by such an event of *force majeure* provided notices as above are given and the event of *force majeure* is established as provided herein above. However, UPSC reserves the right to terminate the contract if the performance against the contract is prevented by the event of strike, lockout etc. for a period exceeding 60 days.
24. Bids will be valid for a period of 180 days from the date of opening of technical bids.
25. Incomplete or conditional bids are liable to be rejected summarily.
26. The UPSC reserves the right to accept or reject all or any of the bids without assigning any reasons. The decision of the Secretary, UPSC would be final and binding in this regard.
27. In the event of non-satisfactory performance of maintenance services by the successful bidder, UPSC will have the discretion to terminate the AMC by giving one month notice and to award it to any other firm and recover such amount from the bidder as may be decided by Secretary, UPSC having regard to the loss/damage suffered to this office. The decision of the Secretary, UPSC in this regard shall be final and binding on the parties.
28. Any attempt of negotiations direct or indirect on the part of the tenderer or with the authority to whom he has submitted the tender or authority who is competent finally to accept it after he has submitted his tender or any endeavor to secure any interest for an actual or prospective tenderer or to influence by any means the acceptance of a particular tender will render the tender liable to be excluded from the consideration.

29. In view of the ongoing COVID-19 pandemic, the vendor must ensure that all its personnel deployed in UPSC adhere to the latest guidelines issued by the Government of India on prevention, sanitization, social distancing measures etc.
30. The tender notice is also available on UPSC's website: **www.upsc.gov.in**.

(R.K. Dixit)
Under Secretary (G-II)

Technical Specifications for OMR cum Colour Image Scanner

Quantity = 02 Nos.

1. General Capabilities:

- i.) OMR capture speed should be over 12,000 sheets per hour in ideal conditions.
- ii.) Image capturing should also be around 12000 sheets per hour at 240 x 240 dots per inch resolution in 16 million colours.
- iii.) Document sizes from 3.25" x 7.0" to 9" x 12" acceptable by the machine.
- iv.) Input Hopper Capacity around 750 sheets with automatic document feed.
- v.) Primary Output Hopper Capacity around 750 sheets.
- vi.) Secondary Output Hopper Capacity around 250 sheets.
- vii.) Imprinter up to 35 characters capable of printing parallel to guide edge.
- viii.) Ability to read Inbuilt barcode/Litho code/QR Code
 - Can read Codebar, Code39, Inter leaved 2 of 5, EAN, Code 128 and QR code
 - Code Choice – Automatic discrimination by the OMR
 - Resolution of the bar Code reader -0.15 mm
 - Max No. of bar codes/QR Codes per column – 20 bar codes/QR Codes, should read Barcode/QR Code from both sides of the sheet.
- ix.) Ability to self-calibrate Read Head/High Speed Digital Camera using reflective Read mechanism. Capable of reading Pencil and pen marks.
- x.) Mark Resolution grid should be from 0.166 inch to 0.200 inch.
- xi.) Real-time multiple-sheet thickness detection.
- xii.) Capable of interpreting multiple-choice answers, barcode labels/QR Codes and machine printed characters, all in real time, with a choice of red or infrared color dropout.
- xiii.) Ability to interpret and generate one output record for documents that contain multiple data types, including OMR, hand and machine printed characters and bar code/Litho code/QR Code.
- xiv.) Capture full or partial-page images for key from image data entry. Grayscale dropout images to be captured in full colour.
- xv.) Multiple image format options available including Industry standards CCITT G3 / G4 compression for TIFF format archival and retrieval storage systems. Other image formats including JPEG, PNG, PDF and more.
- xvi.) Ability to automatically generate the index value(s) for archive images.
- xvii.) Determine the presence or absence of entered data in real time and allow conditional scanning actions like printing and sorting based on the existence / absence of data.
- xviii.) Open-bed scanning paper path that enables easy document access for jam recovery.
- xix.) Conditional scanner stop, with forms in place based on OMR/barcode values/error conditions.
- xx.) Conditional String printing based on OMR and barcode values.

2. Accuracy & Reliability:

- i.) The OMR capture should be capable of mark capturing accuracy of minimum 99% on repeated reading on different OMRs with a difference of ± 1 HEX level.
- ii.) Real-time system test that verifies the image capture system is free from defect or condition that can impair visual image quality or character recognition results.
- iii.) The OMR should be capable to distinguish to 16 level gray scale reading with a selectively discrimination factor through the integrated software for resolving multiple choice answer.
- iv.) The integrated software with OMRs should be able to recognize the marks with various threshold cut off to be selectable through the program.
- v.) Scanner-to-scanner image capture repeatability enabling one application definition shared between multiple scanners with no significant deterioration in hand- or machine-print character recognition rates.
- vi.) Real-time mechanical sheet de-skew sheet verification that assures sheet skew is less than $\pm 5^\circ$ to achieve automatic data recognition performance.
- vii.) Dual light sources per Read Head to prevent image shadows.
- viii.) Simple go / no-go mechanical system check that's useable by non-technical operating personnel.

3. Software Requirements:

- i.) Operating Environment: Microsoft Windows 10, 64 bit.
- ii.) Allows OMR cum Colour Image Scanner to connect with server and other computer systems under standard protocols
- iii.) Allows users to define the record formats and documents so the software can locate data on the document and record the data accurately.
- iv.) Application definition tool that automatically selects the scanner's dropout ink color without human intervention.
- v.) Reads Scan Tools Plus Windows applications (SDS files) without redefinition.
- vi.) Real-time verification that all booklet sheets are present and in the right sequence.
- vii.) Allows user to support of integrated software capable of reading bar code/ Litho code/QR Code and also software checks/procedure as per the requirement of UPSC. (procedure attached at Annexure – II)
- viii.) Selectable image archive bit depths of: 24bit - 16 million colors, 8bit – 256 colors, 8bit – 256 grays, 4bit – 16 colors, 4bit – 16 grays & 1 bit – bi-tone.
- ix.) Archive full page and selectable area image clips.
- x.) Software Development Kit (SDK) with separate document, session and sheet events.
- xi.) Real-time control of printing and stacking of documents.
- xii.) Support for Visual Studio 2017 and 2019.
- xiii.) Support for Scan Tools Prisma (.STXAppDef files).
- xiv.) Support for .NET languages including C# and VB.NET.
- xv.) Ability to create user extensions for the scanning application allowing programmatic scanner control while using the primary scanning application.
- xvi.) Ability to create standalone applications with scanner control.

4. Broad paper specification for OMR cum Colour Image Scanner Sheets:

- i.) GSM 100 – 120, spec-free compressed paper (as per sample attached at Annexure-X)
- ii.) Pre mark bubbles on either side of the sheets should be 31 on both side (as per sample attached at Annexure-X)
- iii.) The answer sheets should confirm to the design / specimen paper supplied by UPSC
- iv.) The OMR cum Colour Image Scanner should be able to handle various different designs as per the requirements.

5. Services Requirements:

- i.) Manufacturer should preferably have authorised agencies located at Delhi/NCR which should be capable of and responsible for supply/installation and support (software & hardware) for at least 7 years including supply of consumables and spare parts. In case the supplier of machine is not located at Delhi/NCR, the supplier will have to position Service Engineer(s) at Delhi/NCR to cater to the service/maintenance coverage of 100 days spread across each year to ensure trouble free scanning of OMRs after the conduct of each exam.
- ii.) Provision of warranty period of the product shall be for at least one year and during this warranty period, the supplier of the machines shall provide continuous maintenance support by deputing service engineers on all days when scanning shall be done on the machines (approximately 100 days distributed throughout the year) while scanning of OMRs which will be done at UPSC.
- iii.) The authorised agency, on which AMC shall be awarded, must provide continuous maintenance support, as per the Scope of Work given at Annexure III, when scanning of OMRs will be done at UPSC. AMC charges should be inclusive of this support.

6. Training:

UPSC officials should be provided following levels of training:

- i.) **Level 1:** Manufacturer will have to provide adequate level training to at least two officers in respect of the developed application software and day-to-day hardware problems so as to enable UPSC to upgrade/modify the application software/configuration independently and enable work smoothly.
- ii.) **Level 2:** Manufacturer will have to provide day-to-day operational training of the OMR cum Image scanner to at least 10 operational staff of UPSC.

REQUIREMENTS FOR CUSTOMISING OMR SOFTWARE

Union Public Service Commission (UPSC) conducts every year examinations and Recruitment Tests involving objective type of question papers. Every year number of objective answer sheets used is more than two million. For scanning and evaluation of these answer sheets, UPSC intends to purchase 2 numbers of OMR cum Colour Image Scanners. These OMR cum Colour Image Scanners should be of good quality and high speed as per our specifications. These OMR cum Image Scanners should function under LAN environment. The basic features of OMR cum Colour Image Scanners and the processing software attached to the OMR is mentioned as under. The OMR cum Image Scanners will have to be configured with the existing network and the Server system available in the Commission.

The OMR cum Colour Image Scanners to be procured by UPSC along with the customized software system should meet UPSC's requirements. The Response Data and Scores file (prepared by this scanning software) will be used for processing results, sampling test and item analysis and other statistical analysis for scheme revision etc.

PROCESS OF HANDLING ANSWER/SAL SHEETS ON OMR CUM COLOUR IMAGE SCANNERS:

1. Answer sheets are to be fed subject wise in batches of centre/sub-centre headed by Batch-header. Software should check for Batch header sheets and flash message if any discrepancy noticed.
2. Although subject code is to be taken from Batch header, software should check subject code on actual Answer sheet encoded by the candidates. If subject code does not match on any 10 continuous sheets in any batch, warning has to be flashed to ensure feeding of correct subject-answer-sheets. At the end of each batch number of total sheets read and number of sheets with matched subject code will be displayed.
3. Before starting actual scanning process, the diagnostic sheets have to be checked (as detailed in the end) by the software for proper scoring and reading. Message will be displayed accordingly showing correctness of reading diagnostic sheets and to continue processing or showing incorrectness of reading and halt.
4. Message reading hardware checks to be taken care of in the system by displaying them along with actions to be taken by the operator.
5. Software skewness to be checked through the software by counting pre-marked bubbles on either side of the sheets as per the requirements.
6. Response Data and Scores file, as per UPSCs pre-defined layout for the scanned Answer Sheets.
7. The booklet series encoded by the candidates needs to be checked at the time of scanning through the software as per UPSC requirements.
8. As soon as one batch finished on both OMRs, the two Response Data and Scores files should be compared on response basis and prepare another Response data and scores file for accepted sheets. The acceptance criteria to be implemented in the software as per UPSC requirements.
9. Records of formal Response Data and Scores file then should be matched with corresponding record of centre/sub-centre in LPC(List of Present case) to take out a report in duplicate. This report should give:

- a) Number of Answer sheets in batch, accepted sheets and rejected sheets.
- b) List of Roll Numbers, not in LPC but in Response Data file and vice versa.
- c) List of Roll Numbers of rejected roll numbers.
- d) List of illogically read Roll Numbers along with Correct Roll numbers after comparing these with LPC and amending the same in Response data file of accepted sheets.
- e) All the remaining illogically read Roll No's should be able to reconcile with the image captured or the physical Answer Sheet as required.
- f) Technical and Maintenance support or extension of any module (as required by the technical wing of the Commission) for already existing software which are being used for handling OMR based data for preparation of error-free response data & SALs data used for preparation of LPC after scanning.
- g) Any other report as required by UPSC.

NOTE-I: The processing of steps 7 and 8 above should go simultaneously without interrupting the ongoing scanning.

NOTE-2: Examination header will provide Exam code, Exam Year, and Date of run, Initial Scan number for the day, Values of Threshold level and Mark discriminator factor as variables to the scanning program and number of questions in the question paper. Batch header will provide batch number, centre code, sub-centre code and subject code.

10. **SCANNING SOFTWARE**: The vendor will have to develop a comprehensive scoring software as per the requirements of the Commission for OMR & SAL scanned data and will have to integrate the software with "Post Exam" processing software.

ABOVE ARE MAJOR GUIDELINES FOR OMR SCANNING SOFTWARE SYSTEM. MINUTE DETAILS OR SMALL CHANGES MAY BE WORKED OUT AT THE TIME OF ACTUAL DEVELOPMENT. HARDWARE/SOFTWARE, REQUIRED TO MEET ALL THE ABOVE REQUIREMENTS, SHALL HAVE TO BE SUPPLIED MUST BE INDICATED IN THE TECHNICAL BID.

SCOPE OF WORK

The vendor shall maintain the OMR cum Colour Image Scanners on the terms and conditions herein mentioned below:-

1. **Scope of Work:** The vendor will be responsible for preventive and corrective maintenance of all the OMR cum Colour Image Scanners including all its accessories and operational support of Networking and Application software will be a part of the AMC. The scope of work shall also cover the following items:-
 - (a) Safety check
 - (b) Preventive maintenance
 - (c) Rectification of damage or fault arising from normal operation as well from aging by repairs or replacing modules sections, assemblies and components.

2. **Uptime:** The vendor shall ensure minimum 'UP TIME' of 95 percent of full configuration/equipments failing which a penalty as indicated in Clause 8 below will be imposed. However, before imposing penalty, UPSC will issue a show-cause notice in which the details of down time will be mentioned. It will also include the penalty proposed to be imposed on the firm. The breakdown time will be worked out as under:-

(a) Total machine hours (A) =	No of working days in a quarter x 8 working hours per day
(b) Down Time (Definition) =	Time elapsed (in terms of working hours calculated on eight hours on all working days) between date & time when fault is rectified and date and time when fault is reported/acknowledged by UPSC's maintenance engineer for the machine
(c) Down Time (B) =	Number of break down days x 8 working hours per day
(d) Percentage Uptime =	$[(A-B)/A] \times 100$
(e) Calculation of Penalty =	Rate (cost) of AMC for one quarter for the OMR cum Colour Image Scanners x Down Time (B) during the quarter/total working hours in the respective quarter.

3. The AMC shall include all the spare parts inclusive of any spare part to be replaced due to any normal wear and tear except consumable items such as Retard Pads, Pick Belt, Flexure Assy, Transport Printer Ribbons etc. which will be supplied by the vendor at the rates quoted by them in their technical bid. All the parts replaced will be of equivalent or higher specification. The vendor shall confirm that the repair/replacement of the parts of the OMR cum Colour Image Scanners shall be of original equipment manufacturer/supplier. The vendor will maintain sufficient Reserve Spare Parts (RSP) for major items.

- 3.1. No extra charges on account of transportation/conveyance in respect of the Government property (i.e. machines/parts etc.) will be paid if they are required to be taken out of the UPSC premises for repairing maintenance.
4. **Preventive Maintenance:** The vendor will be responsible for carrying out preventive maintenance before starting the OMR scanning work of every examination which will include routine checks, cleaning of machines, running of diagnosis software and proper setting of OMR cum Colour Image Scanners. The vendor shall ensure, during preventive calls that both the OMR cum Colour Image Scanners are set at the same intensity level.
5. **Software Support:** The vendor will be responsible for providing operational support for existing application packages and operating systems installed with OMRs for imaging/scanning & data preparation. Any changes in existing software/tools will be covered under the ambit of this AMC. Any changes, whatsoever, in the existing application software developed by the vendor, would be carried out by them within the ambit of this AMC. However, if new software is required by the Commission, it will be done by the vendor on charge basis. The source code (modified/new) will be the property of Commission and the vendor will have to provide the source code (complete) to the Commission in soft copy immediately after modification of existing software or development of a new software as the case may be.
6. **Network Support:** The vendor will be responsible for providing operational support on the other hardware connected, provided by UPSC. However, the spare parts would be provided by UPSC.
7. **Services of Engineer:** Normal working hour of the Commission is from 0930 hrs. to 1800 hrs. However, the vendor will provide service engineer during the entire scanning process. The engineer shall ensure his availability as and when required by UPSC. However, due to exigencies of work, if service of engineer is required beyond working days/hours and on non-working days, the vendor will ensure his availability at no additional cost to UPSC. The engineer shall be on the rolls of the vendor. The engineer will be responsible for preparation of log for each and every activity carried by him, be it during maintenance or while attending problems. Such Log Register may be maintained as prescribed by the Commission and periodically shown to the technical team of UPSC.
8. **Penalty for delay in Services:** The vendor shall ensure minimum uptime of 95 per cent for the full configuration/equipment during the AMC period. If there occurs, any failure, the engineer will identify the fault immediately and should resolve the same within 24 hours. The vendor will ensure that all complaints with regard to OMR cum Colour Image Scanners working will have to be rectified to the satisfaction of UPSC within a maximum period of 24 hours failing which a penalty as mentioned at Para 2 (e) of the Scope of Work will be imposed per day at the time of making quarterly payments.
9. **Status Report:** The vendor shall maintain complete log book of preventive calls, calls reported, attended and closed with status duly signed by the concerned OMR in charge.

Technical Compliance Statement for OMR cum Colour Image Scanner

Sr. No	General Capabilities	Compliance of technical specifications (whether Yes or No)	In case of non-compliance, deviation from the technical specifications to be specified in unambiguous terms
1.	OMR speed should be around 12,000 sheets per hour in ideal conditions.		
2.	Image should be around 12,000 sheets per hour at 240 x 240 dots per inch resolution.		
3.	Document sizes from 3.25" x 7.0" to 9" x 12" acceptable by the machine.		
4.	Primary Input & Output Hopper Capacity around 750 sheets.		
5.	Secondary Output Hopper Capacity around 250 sheets.		
6.	Imprinter up to 35 characters capable of printing parallel to guide edge.		
7.	Ability to read Inbuilt barcode/Litho code/QR Code, - Can read Codebar, Code39, Inter leaved 2 of 5, EAN, Code 128, QR Code - Code Choice – Automatic discrimination by the OMR - Resolution of the bar Code reader/QR Code - 0.15 mm - Max No. Of barcodes/QR Code per column – 20 bar Codes		
8.	Ability to self-calibrate Read Head/Digital Cameras using reflective Read mechanism. Capable of reading Pencil and pen marks.		
9.	Mark Resolution grid should be from 0.166 inch to 0.200 inch.		
10.	Real-time multiple-sheet thickness detection.		
11.	Ability to interpret and generate one output record for documents that contain multiple data types, including OMR, hand and machine printed characters and bar code/Litho code/QR Code		

Sr. No	General Capabilities	Compliance of RFP specification: whether Yes or No	In case of non compliance deviation from RFP to be specified in unambiguous terms
12.	Ability to capture full or partial page bi-tone images for key-from-image data entry and grayscale images (e.g., photographs).		
13.	Ability to automatically generate the index value(s) for archive images		
14.	Determine the presence or absence of entered data in real time and allow conditional scanning actions like printing and sorting based on the existence/absence of data.		
15.	The OMR capture should be capable of mark capturing accuracy of minimum 99% on repeated reading on different OMRs with a difference of ± 1 HEX level.		
16.	Warranty		
17.	Name & address of Indian agent		

PRICE SCHEDULE

S. No.	Particulars of items	Quantity	Units	Per unit Rate (in Rs.) (excl. of taxes)	Applicable Taxes, if any* (in %)	Applicable Taxes (in Rs.)	Per unit Rate (in Rs.) (inclusive of taxes)	Total Cost (in Rs.) (inclusive of taxes)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(4)+(6)	(8)=(7)x(2)
1.	OMR cum Colour Image Scanner (as per specifications/details given at Annexure-I & Annexure-II)	2	Nos.					
2.	Annual AMC charges for OMR cum Colour Image Scanner (hardware & software) for 1st Year	2	Nos.					
3.	Annual AMC charges for OMR cum Colour Image Scanner (hardware & software) for 2nd Year	2	Nos.					
4.	Annual AMC charges for OMR cum Colour Image Scanner (hardware & software) for 3rd Year	2	Nos.					
5.	Annual AMC charges for OMR cum Colour Image Scanner (hardware & software) for 4th Year	2	Nos.					
6.	Annual AMC charges for OMR cum Colour Image Scanner (hardware & software) for 5th Year	2	Nos.					
TOTAL								

*Applicable taxes as on date of tender

Notes

1. The cost of OMR cum Colour Image Scanner shall include all charges related to transportation of equipment/materials to UPSC, installation & commissioning of the full configuration/equipment, software development & integration and training.
2. All rates shall be quoted in INR (Indian National Rupees). Rates quoted in any other currency shall not be considered for evaluation.

3. The total cost of all items i.e. 2 nos. of OMR cum Colour Image Scanners (at S.No.1) and AMC charges for 5 years (at S.Nos. 4 to 5) will be taken into consideration while determining the L-1 bidder.
4. Taxes, if any, shall be quoted separately failing which quoted rates would be taken as inclusive of taxes and no further request for inclusion of taxes would be entertained by this office.
5. Five year AMC charges will be considered for evaluation of financial bid. Separate AMC agreement will have to be entered for five years after the warranty period and the bidder will not be allowed to increase the AMC charge during these five years except changes in GST as notified by the government from time to time. After warranty period, the bidder will also have to furnish an additional performance bank guarantee of 10% of the total cost of AMC for 5 years valid till ninety days beyond the completion of all contractual obligations.

UNDERTAKING

Tender for Procurement of OMR cum Colour Image Scanners and subsequent comprehensive AMC for 5 years

We _____
_____(Name & address of the firm) have in response to your NIT dated _____ submitted a Technical & Financial bid in respect of the Tender for Procurement of OMR cum Colour Image Scanners and subsequent comprehensive AMC for 5 years. As required under NIT, we hereby certify as under:-

1. That all the terms and conditions of the tender are acceptable to us;
2. That we fully understand the Technical Specifications and Scope of Work specified in the NIT and our bid is strictly in accordance with the same;
3. That the rates quoted in our Price Bid for this tender do not exceed the rates offered by us to any other Ministries/Government Organizations for similar items/services;
4. That we have not been penalized or convicted for concealment of income/wealth during the immediately preceding three years;
5. That we have not been blacklisted by any Government organization.

(Authorised Signatory)
Name & address of the firm/bidder

CHECKLIST

S. No.	PARTICULARS	Page No.*
a)	Signed & Scanned copy of Certificate of Incorporation of the firm	
b)	Signed & Scanned copy of PAN card of the firm	
c)	Signed & Scanned copy of GST Registration Certificate	
d)	Signed & Scanned copy of ISO 9001:2008 Certificate	
e)	Signed & Scanned copy of OEM authorization for supply, installation, testing, commissioning & maintenance of its OMR cum Colour Image Scanners	
f)	Signed & Scanned copy of IT Returns of the firm for each of the preceding three years including the financial year 2021-22	
g)	Signed & Scanned copy of Audited Balance Sheets of the firm for each of the preceding three years including the financial year 2021-22 in support of average annual turn-over of Rupees 2 Crores or above.	
h)	Signed & Scanned copy of Work Orders as per Clause 4(ii) of the NIT	
i)	Signed & Scanned list of clearly defined consumable items as specified at Clause 8 of the NIT	
j)	Signed & Scanned copy of Technical Compliance Statement as at Annexure-IV	
k)	Signed & Scanned copy of Undertaking as at Annexure-VI duly signed by authorised person	
l)	Signed & Scanned copy of Earnest Money Deposit (EMD) of Rs.11,20,000/- or scanned copy of certificate if claiming EMD exemption	

*Kindly indicate page number of the relevant document in the technical bid

(Authorised Signatory)
Name & address of the firm/bidder
Tel. No./Mobile No./Fax No.

Rate List & Replacement Frequency of Consumable Items

S. No.	Particulars of Consumable Items	Frequency of replacement of the consumables (per number of sheets processed)	Per Unit Rate (in Rupees) (exclusive of taxes)	Applicable taxes as on date of tender (in percentage)

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app> .

REGISTRATION

1. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrolment**” on the CPP Portal which is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
2. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Help Desk.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the Tender Document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with **100 dpi** with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log in to the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Tender Document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the Tender Document. The original should be posted / couriered / given in person to the concerned official, latest by the last date of bid submission or as specified in the Tender Document. The details of the DD /any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the Tender Document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed,

the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further, this key is subjected to asymmetric encryption using buyers / bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (i.e., after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid No. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

11) ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Help Desk. The contact number for the Help Desk is 1800 3070 2232. Bidder can also get help at +91-7878007972 & +91-7878007973.

SAMPLE OMR SHEET

ANNEXURE-X

U.P.S.C. सं.लो.से.आ.

ATTENDANCE NO.:

To be filled by the Supervisor

केन्द्र CEN	विषय SUBJECT	विषय कोड S. CODE	अनुक्रमांक ROLL NUMBER
		01	5400018

पुस्तिका सिरिज
BOOKLET SERIES

(A)

विषय
SUBJECT

0
1
2
3
4
5
6
7
8
9

अनुक्रमांक
ROLL NUMBER

0 0 0 0 0 0
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3 3 3 3 3 3
4 4 4 4 4 4
5 5 5 5 5 5
6 6 6 6 6 6
7 7 7 7 7 7
8 8 8 8 8 8
9 9 9 9 9 9

SPECIMEN

निर्देश :
DIRECTIONS :

केवल काला
बाल प्वाइंट पैन
इस्तेमाल करें।

USE BLACK
BALL POINT
PEN ONLY

उदाहरण
EXAMPLE
(a) (b) (c) (d)

निरीक्षक पुस्तिका
सिरिज काला
बाल प्वाइंट पैन
से कूटबद्ध करें

BOOKLET SERIES
to be coded by
Invigilator with
Black Ball
Point Pen
(A) (B) (C) (D)

Invigilator in Black Ball Point Pen
Initials of

निरीक्षक काला बाल प्वाइंट पैन से आवश्यक करें

1	(a)	(b)	(c)	(d)	41	(a)	(b)	(c)	(d)	81	(a)	(b)	(c)	(d)	121	(a)	(b)	(c)	(d)
2	(a)	(b)	(c)	(d)	42	(a)	(b)	(c)	(d)	82	(a)	(b)	(c)	(d)	122	(a)	(b)	(c)	(d)
3	(a)	(b)	(c)	(d)	43	(a)	(b)	(c)	(d)	83	(a)	(b)	(c)	(d)	123	(a)	(b)	(c)	(d)
4	(a)	(b)	(c)	(d)	44	(a)	(b)	(c)	(d)	84	(a)	(b)	(c)	(d)	124	(a)	(b)	(c)	(d)
5	(a)	(b)	(c)	(d)	45	(a)	(b)	(c)	(d)	85	(a)	(b)	(c)	(d)	125	(a)	(b)	(c)	(d)
6	(a)	(b)	(c)	(d)	46	(a)	(b)	(c)	(d)	86	(a)	(b)	(c)	(d)	126	(a)	(b)	(c)	(d)
7	(a)	(b)	(c)	(d)	47	(a)	(b)	(c)	(d)	87	(a)	(b)	(c)	(d)	127	(a)	(b)	(c)	(d)
8	(a)	(b)	(c)	(d)	48	(a)	(b)	(c)	(d)	88	(a)	(b)	(c)	(d)	128	(a)	(b)	(c)	(d)
9	(a)	(b)	(c)	(d)	49	(a)	(b)	(c)	(d)	89	(a)	(b)	(c)	(d)	129	(a)	(b)	(c)	(d)
10	(a)	(b)	(c)	(d)	50	(a)	(b)	(c)	(d)	90	(a)	(b)	(c)	(d)	130	(a)	(b)	(c)	(d)
11	(a)	(b)	(c)	(d)	51	(a)	(b)	(c)	(d)	91	(a)	(b)	(c)	(d)	131	(a)	(b)	(c)	(d)
12	(a)	(b)	(c)	(d)	52	(a)	(b)	(c)	(d)	92	(a)	(b)	(c)	(d)	132	(a)	(b)	(c)	(d)
13	(a)	(b)	(c)	(d)	53	(a)	(b)	(c)	(d)	93	(a)	(b)	(c)	(d)	133	(a)	(b)	(c)	(d)
14	(a)	(b)	(c)	(d)	54	(a)	(b)	(c)	(d)	94	(a)	(b)	(c)	(d)	134	(a)	(b)	(c)	(d)
15	(a)	(b)	(c)	(d)	55	(a)	(b)	(c)	(d)	95	(a)	(b)	(c)	(d)	135	(a)	(b)	(c)	(d)
16	(a)	(b)	(c)	(d)	56	(a)	(b)	(c)	(d)	96	(a)	(b)	(c)	(d)	136	(a)	(b)	(c)	(d)
17	(a)	(b)	(c)	(d)	57	(a)	(b)	(c)	(d)	97	(a)	(b)	(c)	(d)	137	(a)	(b)	(c)	(d)
18	(a)	(b)	(c)	(d)	58	(a)	(b)	(c)	(d)	98	(a)	(b)	(c)	(d)	138	(a)	(b)	(c)	(d)
19	(a)	(b)	(c)	(d)	59	(a)	(b)	(c)	(d)	99	(a)	(b)	(c)	(d)	139	(a)	(b)	(c)	(d)
20	(a)	(b)	(c)	(d)	60	(a)	(b)	(c)	(d)	100	(a)	(b)	(c)	(d)	140	(a)	(b)	(c)	(d)
21	(a)	(b)	(c)	(d)	61	(a)	(b)	(c)	(d)	101	(a)	(b)	(c)	(d)	141	(a)	(b)	(c)	(d)
22	(a)	(b)	(c)	(d)	62	(a)	(b)	(c)	(d)	102	(a)	(b)	(c)	(d)	142	(a)	(b)	(c)	(d)
23	(a)	(b)	(c)	(d)	63	(a)	(b)	(c)	(d)	103	(a)	(b)	(c)	(d)	143	(a)	(b)	(c)	(d)
24	(a)	(b)	(c)	(d)	64	(a)	(b)	(c)	(d)	104	(a)	(b)	(c)	(d)	144	(a)	(b)	(c)	(d)
25	(a)	(b)	(c)	(d)	65	(a)	(b)	(c)	(d)	105	(a)	(b)	(c)	(d)	145	(a)	(b)	(c)	(d)
26	(a)	(b)	(c)	(d)	66	(a)	(b)	(c)	(d)	106	(a)	(b)	(c)	(d)	146	(a)	(b)	(c)	(d)
27	(a)	(b)	(c)	(d)	67	(a)	(b)	(c)	(d)	107	(a)	(b)	(c)	(d)	147	(a)	(b)	(c)	(d)
28	(a)	(b)	(c)	(d)	68	(a)	(b)	(c)	(d)	108	(a)	(b)	(c)	(d)	148	(a)	(b)	(c)	(d)
29	(a)	(b)	(c)	(d)	69	(a)	(b)	(c)	(d)	109	(a)	(b)	(c)	(d)	149	(a)	(b)	(c)	(d)
30	(a)	(b)	(c)	(d)	70	(a)	(b)	(c)	(d)	110	(a)	(b)	(c)	(d)	150	(a)	(b)	(c)	(d)
31	(a)	(b)	(c)	(d)	71	(a)	(b)	(c)	(d)	111	(a)	(b)	(c)	(d)	151	(a)	(b)	(c)	(d)
32	(a)	(b)	(c)	(d)	72	(a)	(b)	(c)	(d)	112	(a)	(b)	(c)	(d)	152	(a)	(b)	(c)	(d)
33	(a)	(b)	(c)	(d)	73	(a)	(b)	(c)	(d)	113	(a)	(b)	(c)	(d)	153	(a)	(b)	(c)	(d)
34	(a)	(b)	(c)	(d)	74	(a)	(b)	(c)	(d)	114	(a)	(b)	(c)	(d)	154	(a)	(b)	(c)	(d)
35	(a)	(b)	(c)	(d)	75	(a)	(b)	(c)	(d)	115	(a)	(b)	(c)	(d)	155	(a)	(b)	(c)	(d)
36	(a)	(b)	(c)	(d)	76	(a)	(b)	(c)	(d)	116	(a)	(b)	(c)	(d)	156	(a)	(b)	(c)	(d)
37	(a)	(b)	(c)	(d)	77	(a)	(b)	(c)	(d)	117	(a)	(b)	(c)	(d)	157	(a)	(b)	(c)	(d)
38	(a)	(b)	(c)	(d)	78	(a)	(b)	(c)	(d)	118	(a)	(b)	(c)	(d)	158	(a)	(b)	(c)	(d)
39	(a)	(b)	(c)	(d)	79	(a)	(b)	(c)	(d)	119	(a)	(b)	(c)	(d)	159	(a)	(b)	(c)	(d)
40	(a)	(b)	(c)	(d)	80	(a)	(b)	(c)	(d)	120	(a)	(b)	(c)	(d)	160	(a)	(b)	(c)	(d)

कृपया इस जगह पर कोई निशान न लगायें

PLEASE DO NOT MAKE ANY MARKS IN THIS AREA

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