



# **Karanjia Autonomous College, Karanjia, Dist- Mayurbhanj, Odisha**

## **Tender Document for Procurement of Non Civil Items For setting up of a Virtual Meeting Hall and Upgradation of IT Infrastructure**

Advertisement No: 448/KACK, dtd. 09.04.2025 / The New Indian Express

Tender Document No: 01/448/KACK

Dated: 09.04.2025

Issued by: Principal, Karanjia Autonomous College, Karanjia, Mayurbhanj

Total No. of pages including cover page- 23

## OFFICE OF THE PRINCIPAL

KARANJIA AUTONOMOUS COLLEGE, KARANJIA, MAYURBHANJ, ODISHA

Time schedule for Tender process:

Tender No & Date	448/KACK & 09.04.2025
Name of the Issuing Authority	Principal, Karanjia Autonomous College, Karanjia, Mayurbhanj
List of Items	Details in Annexure-I
Date of publication of tender notification on official website and newspapers	09.04.2025 (The New Indian Express)
Sale of Tender Form commence from	09.04.2025
Last date for sale of tender form	24.04.2025
Last date for submission of duly filled in Tender form	24.04.2025 (2.00PM)
Date and Time of the opening of Technical Bid	25.04.2025 (10.30AM)
Date and Time of the opening of Financial Bid	25.04.2025 (1.30PM)
Place of opening of Tender	Office of the Karanjia Autonomous College, Karanjia, Mayurbhanj
Cost of Tender Form	Rs. 500/- (Non refundable)
Earnest Money in Rupees	03% of the total price quoted
Performance security	05% of the total order value
Method of selection	Least cost selection Method



## CHECK LIST

The bidders are hereby instructed to arrange and submit the following required documents as per the checklist.

S No	List of Document	Yes/ No
1	Technical Bid (Annexure-II)	
2	Financial Bid in sealed enveloped (Annexure-III)	
3	Letter of Willingness (Annexure-VI)	
4	Original Tender form	
5	GST Registration Certificate & No.	
6	PAN Card of the Firm	
7	Audited Financial Statement of preceding 03 Financial Years	
8	Income Tax return of preceding 03 financial years	
9	Earnest Money Deposit (EMD)/ Bid Security	
10	Self declaration for not having been black listed Annexure-IV	
11	ISO Certificate if any	
12	Original catalogue	
13	Quoted model no	
14	Registration certificate of the manufacturer, if any	
15	Full address, email id. and phone no of the firm.	
16	Other documents required for eligibility and qualification	
17	Written Guarantee/ Warranty (Annexure-V)	

Signature of bidder with seal and date

**Note – If tender is not submitted in above manner by the bidder, may be treated as non-responsive & liable to be rejected.**



**OFFICE OF THE PRINCIPAL KARANJIA AUTONOMOUS COLLEGE, KARANJIA**  
**TENDER CONDITONS & INSTRUCTIONS**

**NOTICE INVITING TENDER**

The Principal, Karanjia Autonomous College, Karanjia invites sealed tenders under **"TWO BID SYSTEM"** from reputed suppliers of good standards for selection of a supplier for the purpose of supplying different items to Karanjia Autonomous College, Karanjia, Mayurbhanj.

**"TWO BIDS SYSTEM"** shall be followed for this tender. Bidder should take due care to submit the tender in accordance with requirement in sealed covers. Bids received shall be evaluated as per the Criteria prescribed in the tender document. The College will not entertain any modifications subsequent to opening of bids and bids not conforming to tender conditions shall be liable to be rejected. Therefore, bidders are advised to submit their bids complete in all respects as per requirement of tender document specifying their acceptance to all the clauses of Bid Evaluation Criteria, General terms and conditions and compliance to the Scope of Work requirement etc.

- i) **Technical Bid** shall consist of all technical details along with commercial terms and conditions ; and
- ii) **Financial Bid** shall indicate item-wise price for the items mentioned in the technical bid.

The technical bid and the financial bid should be sealed by the bidder in separate covers duly superscripted as **"Technical Bid"** and **"Financial Bid"** respectively. **Both these sealed covers should then be kept in a bigger cover** which should also be sealed & duly superscripted as **"Tender for Supplying (Name of the item) to Karanjia Autonomous College, Karanjia"**. The **Letter of Willingness, Tender Fee DD/ Cash receipt towards cost of Tender form, Check List and the EMD draft should be kept in the Bigger Cover**. In case of any clarification required relating to the tender, the same can be sought from:

- i) Principal, Karanjia Autonomous College, Karanjia
- ii) Coordinator, IDP

Tender documents for supply of different items can be obtained from College office on all working days between 9A.M. and 1P.M. on payment of a non-refundable cost of Tender form of Rs 500/- in the form of a Cash/ Demand Draft drawn in favor of Principal, Karanjia Autonomous College, Karanjia payable at SBI, Karanjia.

The tender document can also be downloaded from the official website <https://www.karanjiacollege.com/> of the college. The bidder who have downloaded the tender document from the website should send a Demand Draft of Rs 500/- (non refundable) drawn in favor of Principal, Karanjia Autonomous College, Karanjia payable at SBI, Karanjia towards the cost of tender document in the Bigger cover .

The tender document is not transferable to any other person.

**Correspondence Address:** Principal, Karanjia Autonomous College, Karanjia, Mayurbhanj, PIN-757037  
**Email id:** karanjiacollege@gmail.com

**1. LIST OF ITEMS:**

Supply of Non Civil Items for setting up of Virtual Meeting Hall and upgradation of IT Infrastructure to Karanjia Autonomous College, Karanjia. The items have been described in Annexure-I

A bidder can submit financial bid for any number of items however care should be taken to submit for accounting units mentioned against each item.

**2. PARTIES:**

The parties to the contract are the Tendering Firm/Agency/Company and Principal, Karanjia Autonomous College, Karanjia on rate contract basis on the terms and conditions as enumerated in the tender form.



### 3. BIDDER:

The term Bidder shall mean Company, Firm, Agency or the Individual to whom the Contract is awarded and shall include its/ his/ her/ its heirs and legal representative. Successful Bidder is referred to as "Party" in this tender document.

### 4. EARNEST MONEY DEPOSIT (EMD) & PERFORMANCE SECURITY

EMD, otherwise known as Bid Security is to be submitted by the bidder along with the bid in shape of bank draft or account payee cheque in favour of Principal, Karanjia Autonomous College, Karanjia payable at State Bank of India, Karanjia branch. No other mode of payment will be accepted. EMD amount deposited against any other tender will not be considered for adjustment against this tender. Separate EMD for each item should be submitted.

- a. The amount of EMD to be submitted by the bidder shall be **03%** of the estimated value of the item. The Offers not accompanied by the required EMD are liable to be rejected.
- b. The EMD will be returned to the unsuccessful bidders after expiry of the final bid validity period or within 30 working days from the date of issue of the work order whichever is earlier without any interest and the EMD of the successful bidders shall be returned without any interest after deposit of **Performance Security** which is **05%** of the total order value. It can also be adjusted against part of Performance Security after intimation to the Principal in writing. The EMD of the bidder will be forfeited if the bidder misleads the authority/not willing to accept the offer /supplies sub-standard material.
- c. After the agreement is made between the parties, a supply order will be given to the successful bidder and the bidder shall furnish **PERFORMANCE SECURITY** in the form of DD, Nationalized Bank F.D.R./ NSC/ Performance bank Guarantee, duly pledged in favor of **The Principal, Karanjia Autonomous College, Karanjia**. The security deposit will be released and given back only after satisfactory completion of the Guarantee/Warranty period of the item. The performance security is to be submitted on the date of agreement and failure to do so will entail forfeiture of EMD amount. Non-acceptance of order and non-compliance there-of will also entail forfeiture of EMD.

### 5. MODE OF PAYMENT

- a. Payment shall be made through NEFT/ RTGS transfer only after satisfactory supply and installation of the said items.
- b. The Principal shall be at liberty to withhold any of the payments in full or in part.
- c. No advance payment will be made in any case.
- d. The 100% payment shall be given within 30 days after satisfactory installation of the equipment / material supplied & necessary training of operating personnel.

### 6. MODE OF SUBMISSION OF TENDER

- a. Tender should be submitted by bidders in prescribed form.
- b. Bidders should submit their offer in two parts as under:
  - i. Technical Bid, consisting of technical details, drawing/catalogues/ brochures, data sheets or models etc. (Annexure-I)
  - ii. Financial Bid on prescribed format attached with the tender document (Annexure-IV)
- c. Proposals complete in all respect should be submitted to the Principal, Karanjia Autonomous College, Karanjia through **Speed Post/ Registered Post/ Courier Service** only. Delivery in person shall also be accepted.
- d. All details asked for in the Annexure(s) should be properly filled in and each page of tender should be Stamped & Signed by the bidder. Failure to attach Annexure required may invalidate the tender.



- e. Any tender which is not found in the proper form or is received late due to postal delay or otherwise shall in no case be accepted.
- f. The bidder is expected to examine all instructions, forms, terms and specifications in the bid document. Failure to furnish all information required as per the tender document or submission of bids not substantially responsive to the bidding document in every respect will be at the bidder's risk and may result in rejection of the bid.
- g. Offers should be typed and Price be quoted in words as well as in figures. In case of any discrepancy or variation in between figures and words is found, the offer in words shall be finally acceptable. Disagreement with this provision shall entail the bid as non-responsive and subsequently rejected.
- h. Tender documents are not transferable.
- i. Incomplete tenders or tender received after due date and not accompanied with earnest money deposit shall be rejected.
- j. In no case the bidding manufacturer or the bidder, otherwise can authorize any other agency whatsoever to supply the items to purchaser and receive payment in respect thereof.
- k. No amendment or supplementary attachment in the bidding document shall be allowed or entertained after the bid having been submitted to the purchaser. No representation there to at any stage shall be entertained.
- l. Principal, Karanjia Autonomous College, Karanjia reserves the right to reject any or all offers or increase/decrease in quantities, call for acceptance the offer in full or in part, without assigning any reasons thereof.
- m. ISO certified Company should have established service team & network across the state.
- n. The Principal is not bound to accept the tender quoting the least in the financial bid. The Principal reserves the right to place order for a part of the quantity offered. The rates quoted by the bidder shall be valid for any such part.
- o. They should be registered for GST/CST/ST & Income Tax and should enclose copies of relevant certificates. Bidder will have to produce all these original documents at any time as deemed by the Institute.

## 7. TERMS & CONDITIONS

The bidders are requested to follow the below mentioned instructions:

- a. Failure to comply with the conditions will result in forfeiting of the tender. Please cross out any mistakes and rewrite the same and countersign.
- b. Cost involved in submitting the bids, attending the tender opening meeting, arrangements for the demonstration /presentation etc. shall be borne by the bidder.
- c. No bidder shall be allowed to withdraw the tender rates after opening of the tender. If any bidder withdraws the rates, the EMD amount deposited by him shall be forfeited and he shall be disqualified from participating in any future tender of the Institute.
- d. Rates should be offered unconditionally and if rates are submitted with any condition the tender shall be rejected.
- e. The defective item shall be replaced by the agency without any additional charge during guarantee period of supplied items. The replacement shall have to be carried out within 7 days of the intimation being received from the Institute.
- f. Bidder shall have to quote item wise rates; consolidated rates shall not be considered and tender shall be liable to be rejected out rightly.
- g. The Principal reserves the right to change the quantity/ upgrade the criteria/ drop any item or part thereof/extension of delivery date at any time before placing the purchase/ work/ supply order.
- h. Right of Acceptance: The college authority is not bound itself to accept the lowest tender. It is the sole discretion of the Principal to place order for better quality.
- i. Signing of Tender: The individual signing the tender (or the documents in connection with it) must specify whether he/she is signing as:



1. A sole proprietor of the firm, or constituted attorney of such proprietor.
2. A partner of the firm, if it be a partnership, in which case he/she must have the authority to refer to arbitration, disputes if any, concerning the business of the partnership, either by virtue of the partnership agreement or power of attorney.
3. Authorized signatory of the firm, if it is a company, a letter of the authority in this respect must be enclosed along with the bid.
4. A person signing the tender form or any part thereof, on behalf of another, shall be deemed to warrant that he/she has the authority to bind the other and if on inquiry it appears that the person so signing has no authority to do so, Principal may without prejudice to other Civil and Criminal remedies, cancel the contract and hold the signatory liable for all costs and damages.

## **8. PRICES**

- a. Firm will submit the prices (all inclusive) for each item to be quoted on prescribed format attached with the tender document including charges for installation and commissioning with at least two year (24 months) Warranty from the date of satisfactory installation and commissioning of the equipment. The installation will include the mechanical, civil, electrical, furnishing work (if any) required at site. The bidder should take care that the rates and amounts are written in such a way its misinterpretation is not possible.

The price ranking will be carried out as under:

1. The prices of optional items if not required as per technical specifications will be excluded for ranking purpose.
  2. The ranking will be determined as; Total Price (Cost) = Price quoted with all accessories as per technical specifications along with all the taxes and charges (if any). All these calculations must be clearly written by the bidder in price bid.
  3. In case of turnkey based equipment, details of all the civil, electrical, mechanical, plumbing, fittings invariably be included and fixtures etc. as well as furniture along with detailed map, blueprint, make, brand, specifications shall be deposited with the technical bid offered. The overall turnkey cost shall in the price bid and the same shall form the basis to arrive at the lowest bid.
- b. Offer with any price variation clause will not be accepted. The rates quoted in ambiguous terms such as "freight on actual basis", "taxes as applicable extra" or "packing & forwarding extra" will render the tender liable for rejection.
  - c. G.S.T. or Central sales tax (C.S.T.) or as applicable must be reflected in the financial bid and the tax amount is to be clearly indicated separately but included in the lumpsum price.
  - d. Bids shall be accepted with price quoted invariably in Indian Currency.
  - e. No increase in price shall be allowed even if claimed on the grounds of any statutory increase or fresh imposition of any other tax later.
  - f. Discount, if any, offered by the bidder shall not be considered unless specifically indicated in the price schedule and shall be taken into account for consideration only if it is quoted clearly with net price taking all such factors like discount, free supply etc. to arrive at net price.
  - g. Prices: The bidders are required to quote as per "Annexure III" (Financial Bid). The rates quoted shall include the cost of Material, labour, Transport & Packaging etc., as required for the completion of work.

## **9. OPENING OF TENDERS**

- a. Technical bid of the tender will be opened by the Principal on the date specified in the tender notice or on a subsequent date due to force majeure conditions duly notified to the bidders. Bidders are at liberty to present in person or through an authorized representative at the opening of the tender at the time and date as specified. The name and address of the representatives who would be attending the opening of the tender on behalf of bidder if any should be indicated in the tender or otherwise with a



genuine and valid letter of authority issued by the bidder. At the level of technical evaluation of technical bids, the bidders shall be bound to arrange for live demonstration on their own cost before the technical experts as and when required at a specified site by the purchaser, failing which the tender shall be technically disqualified and no representation in this regard shall be entertained.

- b. At the second stage Financial bids of only those offers which technically meet purchaser's requirements/ the technically acceptable offers would be opened for further evaluation and ranking before awarding the contract on the same day or on a later date to be decided on the date of opening of technical bid.
- c. **VALIDITY OF BID:** The bid will remain valid for six months from the date of opening of financial bid. The quoted price will remain firm and in case of acceptance of the tender the prices will remain firm till execution of the complete order and will not be subject to the price escalation on any account whatsoever.

#### **10. FINANCIAL EVALUATION & AWARD OF CONTRACT**

- a. Least Cost Selection Method" will be followed.
- b. The firm, who submits the lowest financial price proposal shall be declared as the eligible bidder and shall be communicated for further process leading to issue of "Supply Order".
- c. The eligible bidder will be intimated by the Principal and will be asked to acknowledge the "Letter of Intent (LoI)" and to submit the "Performance Security" within 15 days of issuance of intimation by the Principal.
- d. The "Performance Security" is unconditional and irrevocable.
- e. Performance Security must remain valid till warranty period of the goods.
- f. After receipt of the "LoI" or after issue of work order if due to any reason(s) the eligible bidder withdraws its willingness to supply the required goods then the EMD/Performance Security deposited by the same firm will be forfeited by the Principal and firm securing the next eligibility position in the financial bid will be awarded with contract, after submission of the required Performance Security amount & EMD.
- g. Once the Supply Order is issued by the college, the concerned firm must supply and install the required number of items within 30 days from the date of issue of the supply order. No further time will be allowed without any valid reason and without prior approval of the same from the Principal.

#### **11. QUALIFYING REQUIREMENTS FOR BIDDERS**

- a. Bidders/Manufacturer should have extensive experience of at least 05 years of designing, manufacturing, installation and commissioning of the required item.
- b. It is a compulsory requirement that the items offered make and model, as quoted by the bidder must be supplied, installed and must be in good working condition.
- c. Bidders who have their own sales and service station in Odisha should only quote.
- d. Bidders should quote for the whole set of items required and should be willing to undertake responsibility of commissioning, warranties and after sales service. Part offer/offers not as per given specification will not be considered.
- e. Tenders should comply all the terms and conditions given in the tender document and be quoted for the specification given in the tender documents.
- f. Notwithstanding anything stated herein above, the Principal reserves the right to assess the bidders capability and capacity to perform the contract, should the circumstances warrant such assessment.



- g. In case any part of the equipment supplied being found to be nonfunctional the entire unit of equipment shall be taken as nonfunctional.

**12. TAX AND GOVERNMENT DUTIES**

Taxes, government duties and other charges must be included in the prices quoted. No payment will be made over and above the price quoted.

**13. DELIVERY PERIOD**

- a. The Furniture items should be delivered, placed, installed and commissioned at the Campus, within a period of 30 days from date of issue of work/supply order. However, consignee officer shall have power to extend the delivery period on the basis of actual requirement or genuine cause intimated to them by the vendor in writing but this provision shall not entitle the vendor as a mandatory term or matter of right on the part of the vendor.
- b. In case of non supply of items within stipulated period the purchase order shall be treated as cancelled (However the delivery will be calculated from the date of dispatch of purchase order to the date of receipt of material at the consignee place).

**14. TEST AND INSPECTIONS**

Upon completion of the installation work, the bidder/supplier shall facilitate inspection of the equipment by the Principal or his authorized representative, to inspect & test the equipment and to confirm that they are installed in conformity to the required specifications and are serving the desired purpose. Any defect or failure to serve the desired purpose, discovered during the inspection will be promptly rectified and made good to the satisfaction of the Principal or his authorized representatives.

**15. GUARANTEE/ WARRANTY (Annexure-V)**

The bidder shall furnish along with their quotations the under noted Guarantee/Warranty:

- a. The Guarantee/ Warranty shall be for a period of at least 24 months from the date of satisfactory installation and handing over the equipment and of works conducted there with covered under the contract in working order. During the guarantee period the replacement of any part(s) of the equipment or rectification of defect of works will be free of cost. If the down time exceeds seven consecutive days at any one time, the guarantee period will be extended beyond aforesaid 24 months by a duration equal to the total down time during the period of warranty.
- b. The bidder should produce written guarantee stating that the equipment being offered is latest model and that spares for the equipments will be available for a period of at least five years after its supply to the purchaser.
- c. The bidder whose tender is accepted shall furnish the warranty in Annexure-V
- d. The manufacturer and the bidder should guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.
- e. The bidder shall bear all cost of such replacement, including freight, if any, of such replace or repaired equipment and/or other articles but without being entailed to any extra payment on that or any other account. All documents required for replacement in part/parts will be made available by the indenter.



**16. TRAINING OF PERSONNEL**

The successful bidder will be required to undertake to provide training for personnel, involved in the use of equipment at site.

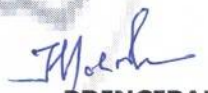
**17. LEGAL JURISDICTION**

All questions, dispute of difference arising under out of or in-connection with the contract if concluded shall be subject to the exclusive jurisdiction of the court within Baripada.

**18. FRAUD AND CORRUPTION**

It is required that the purchasers as well as bidders/ suppliers observe the highest standard of ethics during the process of procurement and execution of contracts. In pursuance of this policy, the purchaser defines for the purpose of this provision the terms set forth below as follows:

- a. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in execution of contract.
- b. "Fraudulent practice" means a misrepresentation of facts and/or concealment of facts in order to influence the procurement process or the execution of a contract to the detriment of the purchaser, it includes collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial non competitive level and to deprive the purchaser from the benefit so free and open competition.
- c. In case of above forbidden practices adopted by any firm being detected, the purchaser shall have right to declare the firm ineligible and subsequently debar the firm either for an indefinite period or for a stated period of time for participation in any tender, award of contract and initiate appropriate legal action as per court of law.

  
**PRINCIPAL**

Karanjia Autonomous College,  
Karanjia,  
**Karanjia Autonomous Col**  
**Karanjia, Mayurbhanj**

  
**Principal**  
**Karanjia Autonomous College**  
**Karanjia, Mayurbhanj**



## Desktop Specification

Items	Specification
Cabinet Form Factor	Tower/Micro Tower (15.1 to 26 Litres)
Chipset Number	Intel H670/Intel® H770 or higher Chipset
Processor Make	Intel
Processor	x86 64-bit architecture
Processor Generation	13 Or higher
Processor Description	Intel Core i3 or higher
Processor Number	Intel Core i3 13100 or higher
Number of Cores and Threads per Processor	Max Turbo Frequency 4.5Ghz, Minimum 4 Cores and 8 Threads or higher
Operating System	Windows 11 Home Factory Preloaded
RAM Size (GB)	DDR-4 8GB 3200 (16 X1) or higher (2 DIMM Slots)
RAM Expandability up to (using spare DIMM Slots in GB)	64 GB or higher
Integrated Graphics	Intel UHD Graphics 770 or higher
Supported for discrete NVIDIA/AMD Graphics Card up to 6GB	Yes
Type of Drives used to populate the Internal Bays	NVMe SSD
Total HDD Capacity (GB)	NA
Total SSD Capacity (GB)	512GB NVMe SSD
Optical Drive	Optional
Drive Bays	Two 3.5" (2.5") HDD
Slots for Upgradation	1 PCI Express 4.0 x16, 1 PCI Express 3.0 x1, 1 PCI (Full Height), 2 M.2 slots for WLAN & SSD
LAN	LAN: Integrated 10/100/1000M
Ports and Connectors	Front: 1 headphone/microphone combo; 3 Super Speed USB 5Gbps signalling rate; 2 SuperSpeed USB 10 Gbps signalling rate; 1 USB Type-C, total 6nos USB in front for easy access Rear: 1 HDMI; 1 Serial Port; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 DP; 2 USB 2.0
Firmware Trusted Platform Module	TPM 2.0
Hardware Security lock slot	Security lock slot
Power Supply	180-260Watt Internal power supply with minimum 90% efficiency
Certification	Bidder should submit OEM bid specific authorization & the same authorization may be verified by the respective OEM if required.
	OEM must have the ISO 9001,14001, ISO 20001, ISO 27001 Certificate
	Microsoft Windows, Energy star 8.0 certified
	Bidder should submit BIS, BEE, EPEAT, UL, RoHS Certificate of products at the time of participation of the Bid.
Keyboard Mouse	USB Keyboard; USB Optical Mouse
Monitor	19.5" LED Display with CTO Certified and same must be belongs to the same OEM
Years of Warranty	3 Year Onsite Warranty

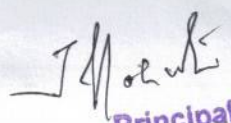
*J. Mohale*  
Principal  
Karanija Autonomous College  
Karanija, Mayurbhanj



UPS

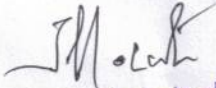
Annexure - I B

600 VA Line Interactive UPS Specifications		
Sl. No.	Feature	General Specifications
1	UPS Capacity (total)	600VA/360W
2	Input Voltage	230 VAC nominal
3	Input Frequency	45 - 65 Hz
4	Brownout Transfer	145 VAC typical
5	Over-voltage Transfer	290 VAC typical
6	Voltage on Battery	230 VAC typical (stepped approximated sine wave)
7	Frequency - On Battery	50Hz typical
8	Transfer Time	@50 Hz : 6 ms typical, 10 ms max
9	Air Ventilation	Should have Side and Back Honey bee Perforation for heat dispersion
10	Protection from Humidity & Dust	UPS Should have conformal paint coating on PCB for Insulation for Dust and Humidity
11	Battery Saver Option	UPS Should have Battery Saver Option to increase the life of the Battery upto 5 years
12	No Load Shutdown	UPS Should work on loads of 2-3 watts also
13	AC Surge Protection	Full time, 160 joules
14	Automatic Re start of UPS	In case the UPS backup is totally drained and automatic switched off, when the grid power resumes the UPS Should Auto Start without human interference.
15	Type (maintenance-free)	12V, 7.2 Ah
16	Typical recharge time	4-6 hours
17	Operating Temperature	0°C to 40°C
18	Storage Temperature	-15°C to 45°C
19	3 power outlets	With battery backup and surge protection
20	Power Cord	1.2 meters
21	Runtime for Single PC load (60W ± 15W)	27 min (normal mode)
22	Runtime for Workstation PC (100W ± 15W)	13 min (normal mode)
23	Battery Saver (to save on battery life)	Thru toggle button on front panel
24	Certification	BIS
25	Designed and Manufactured in India	Yes
26	Warranty	2 years

  
Principal  
Karanjia Autonomous College  
Karanjia, Mayurbhanj

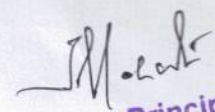


Generic	
Description of Stores	Multifunction Machine Printer with Minimum 1 Year On Site Warranty, including Cartridge and Power Cord/Adapter
Core Function	Print, Scan and Copy
Print Technology	Laser
Cartridge Technology	Composite Cartridge
Type of Printing	Monochrome (Black)
RAM Size (MB)	256
Storage Capacity (in GB)	0
Features	Fax
Operating System Compatibility	Windows 10 and Above, Linux, Mac OS, Windows Server
Printing	
Print Paper Size	A4 and Legal
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Monochrome (Black) (in PPM)	26 to 30
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Colour (in PPM)	Not Applicable
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Mono (in PPM)	Not Applicable
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Color (in PPM)	Not Applicable
Auto Duplexing Printing/Coping (2-sided Feature)	Yes
Scanning	
Maximum Scan Area (Platen/Flatbed Size)	A4 and Legal
A4 Scan Speed -Colour (Image Per Minute) @ 300 x 300 dpi	11 to 20
Scan To Functions	Email
A4 Scan Speed - Mono (Image Per Minute) @ 300 x 300 dpi	11 to 20
COPYING	
Reduction and Enlargement Feature	Yes

  
Principal  
Karanja Autonomous College  
Karanja, Mayurbhanj



PAPER HANDLING	
Original Document Feeder Type (For Scanning and Copying)	Automatic Document Feeders (ADF)
Feeder Capacity (Number of Sheets) (For Scanning and Copying)	31 to 40
Number of Main Paper Tray	1
Total Paper Tray Combined Capacity (Number) at 75 GSM	101 to 200
Bypass Tray Facility	No
If Yes, Bypass Tray Capacity	0
Connectivity	
Connectivity	USB Port, Ethernet Port, Wi-Fi
Accessories Provided	USB Cable
Performance	
Minimum Yield of the Cartridge/Ink/Toner supplied with Machine as per IS/ISO/IEC: 19752/2017 for Black (Number of Prints)	700
Minimum Yield of the Cartridge/Ink/Toner Supplied with Machine as per IS/ISO/IEC: 19798:2017 for Cyan, Yellow and Magenta Color (Number of Prints)	0
Minimum Duty Cycle (Number of Prints/Month)	10,001 to 20,000
POWER	
Power Supply	Single Phase AC 220 - 240 V, 50 - 60 Hz
Maximum Power Consumption (in Watt)	1300
Environmental	
Minimum Operating Temperature (Degree C)	10
Maximum Operating Temperature (Degree C)	30

  
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Minimum Operating Humidity (%RH)	20
Maximum Operating Humidity (%RH)	80
Dimension	
Standard Machine Weight with Single Tray (in Kg)	11
Certification	
BIS CRS Compliance	Yes as per IS 13252 (Part 1)
Maximum Number of Prints covered under Product warranty (Whichever is earlier)	30000
EPR Registration in respect of the manufacturer/authorised importer as per E waste rules as amended up to date	Yes
Agreed to Provide a copy of EPR Registration Certificate to the Buyer on Demand	Yes

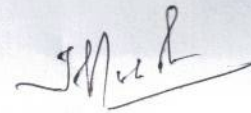
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General Features	Screen Size	65
	Brightness (cd/m <sup>2</sup> )	350Nits or better
	Contrast Ratio	1200:1
	Dynamic Contrast Ratio	400,000:1
	Response Time (ms)	8.0
	Display resolution (H x V, pixels)	3840 x 2160
	HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
	Aspect Ratio	16:9
	Portrait/Tilt Compatibility	Yes
Display features	Dimming type	Frame Dimming
	Display Device	LCD
	Panel Type	IPS
	Backlight type	Direct LED
	Color gamut (NTSC)	69%
	Operation time	16/7
	Haze (%)	1 %
	Viewing Angle (Right/Left)	178 (89/89) degree
	Viewing Angle (Up/Down)	178 (89/89) degree
	HDMI Signal	4096 x 2160p (24, 50, 60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i 480p, 480i
Audio Specs	Speaker Position	Down Firing
	Audio Power Output	10W + 10W
Professional features	Pro settings	Yes (Simple Pro settings menu)
	HDMI auto wake-up	Yes
	Operating System	Android TV
	On-board Storage (GB)	16GB
	RAM	3GB
Network Specs	Wi-Fi Certified	Yes
	Wireless LAN	Integrated
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 WEBM:AV1/AC4/ogg/AAC
	On Screen Clock	Yes
	Sleep Timer	Yes
	On/Off Timer	Yes
	Chromecast built-in	Yes
	Apple AirPlay	Yes
Control Specs	IP Control	Yes
	RS-232C Control	Yes
	HDMI-CEC	Yes
	HDCP	HDCP2.3 (for HDMI1/2/3)
	Composite Video Input (s)	1 (Side, Mini jack)



Inputs and outputs	HDMI inputs total	3 (3Side)
	Analog Audio Input (s) (Total)	1 (Side Analog Conversion)
	Digital Audio Output (s)	1 (Side)
	USB ports	2 (Side)
	Ethernet inputs	1 (Side)
Design features	VESA® Hole Pitch (W x H)	300 x 300 mm
Environment Specs	Rated Power Consumption	226W
	Power Consumption (in Standby)	0.5 W
	Dynamic Backlight Control	Yes
	Power Saving Mode / Back Light Off Mode	Yes
Measurements	Dimension of TV without Stand (W x H x D)	1462 x 842 x 71 mm
	Dimension of TV with Stand (W x H x D)	1462 x 912 x 338 mm
	Dimension of Package Carton (W x H x D)	1588 x 965 x 184 mm
Weight	Weight of TV without Stand	20.4 kg
	Weight of TV with Stand	21.3 kg
	Weight of Package Carton (Gross)	28 kg



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## Annexure-II

### TECHNICAL BID

1. Name & Postal address of Bidder:Telephones Nos.:  
E-mail:  
Name & address of Owners/ Partners/ Directors:
2. Nature of Firm/ Agency/Company(Sole/ Partnership/ otherwise):
3. Copy of GST Registration Certificate
4. Copy of PAN Card of the Firm
5. Audited financial statement of preceding three Financial years
6. Income Tax return of preceding 3 Financial years
7. Undertaking certifying that the Firm is not black listed in Annexure-III
8. Each page of tender form duly signed in
9. EMD with the tender submitted.
10. Trade License for this kind of jobs be enclosed
11. Date of Establishment of organization/ company/ agency
12. Whether agreed to abide by all the terms & conditions of this tender

Place:

Date:

Signature of the Proprietor/ Authorized Signatory  
Rubber Seal indicating complete address

***All above enclosures must be valid (wherever applicable)***

(Name & Signature of the bidder with seal)

Place: Date:

  
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**Karanjia, Mayurbhanj**



**PROFORMA OF FINANCIAL BID**

Name of the Item:

S No	Description/ Specification	Qty	Price		
			Unit Price inRs.	Taxes as applicable such as GST etc.	Total Price inRs.
<b>Total</b>					

(Total Rupees in words.....)

Price: - Total price should be inclusive of all taxes.

Items quoted must be as per the specifications given in enclosed Annexure-I (A,B,C &amp;D) -7 pages

**N.B: Separate Annexure-III to be attached for each item.**

Signature of the supplier

Date &amp; Seal



## UNDERTAKING

It is certified that my Firm/ Agency/ Company has never been **black listed** by any of the Departments/ Autonomous Institutions/ Universities/ Public Sector Undertakings of the Government of India or Government of Odisha or any other State Government or reputed educational institutions and no criminal case is pending against the said Firm/ Agency/ Company as on date \_\_\_\_\_.

Signature of the Bidder \_\_\_\_\_

Name of the Authorized Signatory \_\_\_\_\_

Name of the Firm/Agency/Company \_\_\_\_\_

Seal of the Firm/Agency/Company \_\_\_\_\_

Place: \_\_\_\_\_ Date: \_\_\_\_\_



**GUARANTEE / WARRANTY**


I/We hereby declare that the equipments and other articles supplied to the purchaser under this contract shall be of the best quality and workmanship and are strictly in accordance with the specification and particulars contained/mentioned in the clause hereof and I/we hereby guarantee that the said equipment and other articles confirm to the description and quality aforesaid.

The purchaser will be entitled to reject the said equipment and other articles as may be discovered not to confirm to the said description and quality. On such rejection the equipment and other articles will be returned in own risk and all the provision herein contained relating to rejection thereof shall apply. I/we shall, if called upon to do so, replace within a period of 14 days or such further period that be extended from time to time by the purchase at his discretion, and an application made thereof by us, the equipment and other articles as are rejected by the purchaser and in such an event the above mentioned Warranty shall apply to the equipment and/or other articles replaced from the date of replacement thereof, otherwise the bidder shall pay to the purchaser such damages as may arise by reason of therein contained without prejudice to any other right of the purchaser in that behalf.

The equipment being offered is latest model and that spares for the equipments will be available for a period of at least five years after its supply to the purchaser.

The onsite Guarantee/ Warranty shall be for a period of at least 36 months from the date of satisfactory installation and handing over the equipment and of works conducted there with covered under the contract in working order. During the guarantee period the replacement of any part(s) of the equipment or rectification of defect of works will be free of cost. If the down time exceeds seven consecutive days at any one time, the guarantee period will be extended beyond aforesaid 24 months by duration equal to the total down time during the period of warranty.

**Signature of the bidder with seal and date**

  
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LETTER OF WILLINGNESS

To  
The Principal,  
Karanjia Autonomous College,  
Karanjia, Mayurbhanj

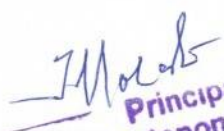
Sub: Submission of willingness certificate to supply/ install (name of the item/items) at your college premise.

Sir,

I am to inform you that my firm (name of the firm with address) is ready to supply/ install (name of the items) within the specified period of receipt of work order from the college, if my firm is selected as eligible bidder during the selection of tender. I am willing to accept all the clauses of Bid evaluation criteria, general terms and compliance to the scope of work requirement as mentioned in the Tender form. If my firm fails to supply and install the required items in the quoted price, my EMD/ performance security will be forfeited.

Yours faithfully,

Authorized Signatory of the firm  
with Date and Seal

  
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**Works of similar nature (of value not Less than Rs 2 Lakhs) over the last -3- years**

S No	Name and Address of College	List of Items Supplied	PO No and Date	Total Value of Items supplied	Date of Supply	Contact No of the concerned Official

Date

Seal and Signature of the Bidder

Place

*Ilma*  
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