

**NOTICE FOR INVITATION OF TENDER FOR PROVIDING HEALTH-CARE
INFORMATION SYSTEM AND AUTOMATED QUEUE MANAGEMENT &
PATIENT CALLING SYSTEM IN DISTRICT HEAD QUARTER HOSPITAL, NUAPADA
& SUB DIVISIONAL HOSPITAL , KHARIAR , NUAPADA ,ODISHA.**

**CHIEF DISTRICT MEDICAL & PUBLIC HEALTH
OFFICER, NUAPADA**

Tender Reference No-2192

Dated 09.06.2023

TENDER DOCUMENT

FOR

**PROVIDING HEALTH-CARE INFORMATION SYSTEM AND AUTOMATED
QUEUE MANAGEMENT SYSTEM**

Address for Correspondence-

**OFFICE OF THE
CHIEF DISTRICT MEDICAL & PUBLIC HEALTH
OFFICER, NUAPADA**

At/Po-Nuapada Dist- Nuapada, Odisha

Pin-766105.

**OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER,
NUAPADA**



SECTION -I**NOTICE INVITING TENDER**Tender Reference No. : **2192** Dated: **09.06.23****TENDERS ARE INVITED FROM ELIGIBLE BIDDERS**

1	Period of Availability of Tender Document	(Downloadable from website: www.Nuapada.nic.in) In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the above mentioned website before last date of submission of tender document and the tender inviting authority shall have no responsibility for any delay / omission on part of the bidder.
2	Date, time & place of Pre-bid meeting	Date : 19/06/23 , Time : 11.50 A.M. Place : OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, NUAPADA
3	Last date & time for submission of Tender	Date: 06/07/23 Time: 05.00 PM. Address of Submission of Bid: OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, NUAPADA (Through Speed post / Registered post/ Courier) only
4	Date, time and place of opening of Tender	A. Technical Bid (Cover A) opening: 07/07/23 at 11.00 A.M. in the address mentioned above. B. Financial Bid (Cover B): <i>The date of opening of financial bid will be intimated to the firms found successful in the technical bid evaluation. (Venue is mentioned at the address mentioned above) (Bidders / authorized representative may remain present at the time of opening of bid)</i>



**TENDER DOCUMENT FOR PROVIDING HEALTH-CARE
INFORMATION SYSTEM AND QUEUE MANAGEMENT SYSTEM
AT SDH KHARIAR & DHH NUAPADA**

Section – I (Instruction to Bidders)

01. Sealed tenders are invited from interested reputed IT and Software Farms for (1) Providing Supply, Installation and Commissioning of Health-Care Information System along with Integrated Hardware, Software and Mobile APP (2) Providing Supply, Installation and Commissioning of Automated Queue Management System And Patient Calling System along with Integrated Hardware & Software

02. Interested bidders may obtain details terms and conditions from the website for taking up this assignment. The interested bidder may download the tender document from the website www.Nuapada.nic.in.

03. The tender should be submitted in two parts i.e. Technical Bid (Cover-A) and Financial Bid (Cover-B). The bidders should submit their technical and financial bid separately in two separate envelopes and the same should be put into another cover envelop superscripted as ***“Tender For Supply of Health-Care Information System And Automated Queue Management System to adv. No. 2192 / 09.06.23”***. The Technical & Financial Bid envelopes should be clearly marked as Technical Bid & Financial Bid on the top of the relevant envelopes. The tenders should be addressed to:

***The Chief District Medical & Public health Officer, Nuapada,
Pin -766105, Odisha***

04. Bidders who qualified in technical Bid[as per submission of relevant valid documents as asked to be submitted in Technical Bid – Part 1 - Tender Forms (T1, T2 & T3), fulfilling all the terms & condition of the tender document and inspection of infrastructure of the bidder if required], their Financial Bid (Part 2) shall only be opened. The unit price (inclusive of transportation, installation, taxes etc.) shall be taken into account for evaluation.

06. An Amount of Rs.1,00,000/ in shape of DD may be drawn in favor of “ AMA HOSPITAL A/C, Nuapada” as EMD Money.

07; Tender Fees Non –refundable of Rs.5,000/-(Rupees Five Thousand only) in favor of “ AMA HOSPITAL A/C, Nuapada” payable at Nuapada, In absence of bid document cost the technical proposal of the bidder shall be rejected.

08: Delivery time: 60 days of issue of the Work Order.

09 Place of delivery: DHH,Nuapada /SDH Khariar Site will be intimated in orders.



TERMS AND CONDITIONS

Terms & Conditions		Documents to be Submitted
1	The organization should be a confide registered body	Photo copy of the Registration certificate
2	The organization must have GST registration certificate (with mention of GSTIN) and PAN	Photo copy of GSTIN & PAN
3	The organization will have to submit an Affidavit (<i>On original Stamp Paper of RS.20 Non Judicial</i>) with the following clauses:- 1. It has not been blacklisted by any Government Organization 2. The organization does not have any legal suit / criminal case pending against it for violation of PF /ESI/MW Act or any other law. 3. The Directorate will have no liability regarding transportation, loading and unloading of material and all the material ordered shall be delivered at the designated place in good condition. 4. That the organization agrees to abide by all terms & conditions of tender 5. The organization will quote prices (Inclusive of Designing/Material/Transportation/GST etc.)	Affidavit
4	Tender must be accompanied by EMD of Rs.1,00,000/- by way of Demand Draft (Must be submitted), drawn on any Nationalized / Scheduled Bank in favour of "AMA HOSPITAL A/C, Nuapada".	Demand Draft
5	The Tenderer should furnish the copies of the work orders to prove the track record of successful installation of Healthcare software worth of minimum ₹ 10, 00, 000/- (Rupees Ten Lakh) each or more, at least in THREE Govt. Hospitals in Odisha.	Photocopies of work orders executed.
6	Software must be developed by the Tenderer only, no third party software will allowed in this Tender.	
7	The Tenderer must have the required software and has to demonstrate the software in front of the committee on the date of opening of Technical BID .	
8	To qualify the Technical Round all start-up companies and MSE also have to fulfill eligibility criteria mentioned for bidders including work experience.	
9	The bidder must have a Registered Office in the state of Odisha.	
10	The head of the organization (bidder) should submit an authorization and specimen signature of their authorized signatory if any.	
11	Conditional Tenders (like alternative price offers etc.) are liable to be rejected. In the event of acceptance, CDM&PHO decision will be final. The tender, which is not as per our required specifications will not be considered.	



12	If the successful bidder/ bidders fails to supply the items within the original or refixed delivery period specified in the contract, the buyer will be entitled to deduct or recover the liquidated damages for the delay, unless cover under major conditions@0.5% per week or part of the week or delayed period as per pre estimated damages not exceeding 10% of the contract value without any controversy or dispute of any sort whatsoever.	
13	The undersigned will not make any advance payment to the organization. The organization will have to carry out the entire job on its own. 100% payment shall be made after delivery of the full quantity in proper condition. The payments will be paid within 30 days after completion of the job, submission of bill in that regard .	
14	All information, documents and data coming in the possession of the organization as a result of execution of the job shall at all time remain the property of Chief District Medical & public Health Officer, Nuapada. The organization shall not make or allow any of his employee or agents etc. to make an unauthorized copy, use, access or other utilization of this material commercially or otherwise, directly or indirectly except as agreed to by the Directorate. The organization shall also ensure complete confidentiality of the information and data provided to it in the course of carrying out the job.	
15	Bidder must have sound knowledge of latest intellectual and property right. The authority who assigns the work is in no way responsible for any deviation made by the bidder in this regard.	
16	The Authority reserves the right to accept or reject any or all the tenders without assigning any reasons whatsoever	
17	Rates quoted against this tender notice shall remain valid up to 12 months after award of contract. No request for increase in rates, if any, will be allowed or entertained during this period.	
18	Jurisdiction: All legal disputes are subject to the jurisdiction of Nuapada courts only.	
19	The bidder shall submit its proposal in the form and manner specified in the Tender.	
20	Service & Support: The Bidder Must provide the dedicated Telephone no and email address for Service Support.	
21	Respond Time: The bidder must respond within 48 hours and take required action to troubleshoot of malfunctioning or breakdown of any software and hardware .If the agency fail to respond to the issue within the time limit then penalty of Rs.10,000/- per failure will be charged to the agency.	
22	The agency is required to provide minimum one year comprehensive warranty on all software and hardware. further the agency required to submit Proposal for AMC / CMC after warranty period as specified in form F2 in financial BID.	
23	The successful bidder is required to submit security deposit of @3% of purchase order value and the same will be refunded to the agency without interest, after completion of warranty period .After submission of security deposit by the successful agency ,the EMD will be refunded without interest to the party.	
24	The agency is required to execute an agreement with the concern head of the Dept. and the same will be submitted at the time of bill.	

FORMATS - Part 1

FORM – T1

(To be submitted in Technical Bid Envelop)

(The documents has to be arranged serially as per the order mentioned below)

1	Name of the Organization	
2	ADDRESS OF HEAD OFFICE: TELEPHONE NO. E-MAIL ADDRESS:	
3	ADDRESS OF REGIONAL OFFICE IN ODISHA: TELEPHONE NO. E-MAIL ADDRESS:	
4	Name of authorized signatory (in capital letters)	
5	Authorization and specimen signature of the authorized signatory	
6	Telephone number of authorized signatory / Organization	
7	Attached photocopy of registration certificate of the organization under companies Act 1956 and operating in IT Services in Odisha	
8	REGD. NO:	
9	GST No	
10	PAN (Photocopy of PAN)	



11	Draft number & date of tender document Cost (Non-Refundable) of Rs.5,000/-. And EMD Rs.1,00,000/- (Refundable)	
12	Affidavit of declaration (<i>On original Stamp Paper Rs.20 Non Judicial</i>) as per Clause 4 of the terms & condition	
13	ALL Software have developed by the bidder (Yes/ No)	
14	Software is available for demonstration (Yes/ No)	
15	Whether all documents submitted signed. by the authorized signatory of the organization (Yes/ No)	
16	Authorization certificate for Distributor. Not applicable for Manufacturer	

DECLARATION

I / we hereby certify that the terms and conditions, specification etc. given with the tender notice have been read carefully and acceptable to me/us and that the information furnished above is full and correct to the best of my/our knowledge. I / we understand that in case of any deviation/forged information in the above statement at any stage, our Firm/Agency will be blacklisted and will not have any dealing with your organization in future.

(Signature and seal of the authorized signatory)

Place

Date

Seal



FORM -T2

(To be furnished in Technical Bid)

PAST EXPERIENCE IN EXECUTING successful installation of Healthcare software worth of minimum Rs.10, 00, 000/- (Rupees Ten Lakh) each or more

SNo	Name of Assignment	Name/address of the Organization for which similar healthcare software is installed	Year of completion of assignment

Note: Please furnish the **Work order copies** of the works executed in support of the information mentioned above.

Authorized Signatory [*In full and initials*]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

(Company Seal)



FORM -T3

STATEMENT REGARDING DEVIATION FROM TECHNICAL SPECIFICATIONS (IF ANY)

Following are the Technical deviations and variations from the purchaser's Technical Specifications

Sl. no.	Item Name	Clause of Technical specification	Statement of Deviation/Variations if any
1			
2			
3			
4			
5			
6			

In case there is no deviation from technical specification, pl. mention No Deviation.

Signature of the Bidder

Name:

Date:

Place:

Seal



FORWARDING LETTER/SELF DECLARATION FORM

(To be submitted on Bidder's in non-judicial paper)
[To be submitted in Technical Bid]

To
CDM & PHO cum District Mission Director
Nuapada
At/Po- Nuapada, 766105
Dist- Nuapada

Dear Madam/Sir,

Sub: Your Tender Ref. No. _____, Dated _____.

This is with reference to your above mentioned tender for supply of HEALTH-CARE INFORMATION SYSTEM AND QUEUE MANAGEMENT SYSTEM. Having examined the tender document, we hereby submit our proposal along with the necessary documents. I / We hereby declare that our company is having unblemished past record and was not under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of India or any State Government/PSU in the country of India.

Further, we agree to abide by all the terms and conditions as mentioned in the tender document. We have also noted that NHM reserves the right to consider/ reject any or all bids without assigning any reason thereof.

Date: ____/____/20

Authorized Signatory:

Name:

Designation:

Place:

Phone:

Email:



FORM -F2

PROPOSAL FOR AMC / CMC AFTER THE WARRENTY PERIOD IS OVER

Value in the form must be in percentage of the project cost

Sl#	Particular	For 1 Yr.	For 2 Yrs.	For 3 Yrs.	For 4 Yrs.	For 5 Yrs.
1	<p>AMC (Annual Maintenance Contract)</p> <ul style="list-style-type: none"> • Free Maintenance Service of Hardware & Software & APP • Hardware repairing or replacement (If any) cost will be paid by the client 					
2	<p>CMC (Comprehensive Maintenance Contract)</p> <ul style="list-style-type: none"> • Free Maintenance Service of Hardware & Software & APP • Free Hardware repairing or replacement 					

(NOTE)

Signature of the Bidder

Name:

Date:

Place:

Seal



TECHNICAL BID:

Documents to be submitted in the Technical Bid otherwise rejected are follows:

- i. Demand Draft towards EMD amounting to ₹1,00,000/- (Rupees One Lakh Only)/- in favor of "AMA HOSPITAL A/C, Nuapada" payable at NUAPADA only DD from any national Bank.
- ii. Copy of PAN card
- iii. The bidder must furnish copy of GST Registration certificate.
- iv. Forwarding letter/Self-Declaration form on non-judicial paper
- v. **Registration certificate of the firms /organisation.**
- vi. All Three work orders to prove the track record of successful installation of Healthcare software worth of minimum Rs.10, 00, 000/- (Rupees Ten Lakh) each or more in Five Govt. Hospitals in Odisha.
- vii. **Tender cost ₹5,000/- in favor of "AMA HOSPITAL A/C, Nuapada" payable at Nuapada only in shape of DD only .**

1. Financial BID

- i. Hard Copy signed & sealed both in words and figures.
- ii. The Price bid of the technically qualified bidders will only be opened.
- iii. The net quoted price (Cost of Printing along with all taxes & transportation) should both in figures and words. In case of difference in words and figures, words will be taken into consideration for evaluation.

2. EARNEST MONEY DEPOSIT – (EMD)

- 2.1 Rs 1,00,000 (One Lakh only) should be paid as EMD in the form of Demand Draft from a Nationalized Bank located in India, drawn in favor of "AMA HOSPITAL A/C, Nuapada" payable at Nuapada and submitted in the Technical Bid. The bidder should write the organization name at the back side of the DD.
- 2.2 The EMD of successful bidder is liable to be forfeited if the tenderer, revokes any terms of the tender within the validity period that will liable towards *blacklisting for minimum 2 years & concerned party could not participate in further bidding in under Zilla Swasthya Samiti, Nuapada.*
- 2.3 EMDs given by unsuccessful bidders will be refunded after placing of work order to the successful bidder.
- 2.4 EMD of the successful bidder will be forfeited in case the successful bidder fails to accept/executes the order.
- 2.5 EMD of successful bidder will be returned after receiving of successful delivery certificate of all items , along with Security Deposit as per Tender Clause.
- 2.6 EMD shall not carry any interest.



SCHEDULED OF REQUIREMENTS WITH SPECIFICATIONS:

SL #	DESCRIPTION	SPECIFICATION
(1)-	INTRACTIVE SOFTWARE, HYBRIDE MOBILE APPLICATION WITH INTRACTIVE TOUCH CONSOLE & DIGITAL INFO-DISPLAY SYSTEM	
a	INTRACTIVE SOFTWARE FOR HOSPITAL INFORMATION SYSTEM	DYNAMIC MODULES IN ENGLISH & ODIYA WITH ADMIN PANEL Hospital Info. Public Announcement. Administration. Medicine Stock. Doctors Duty List. Staff / Nurse Duty List. Blood Stock Availability. Services & Facilities Citizen Charter. Hospital Map. Grievance Redressal With Feed Back Hospital Mirror. Emergency Numbers. Search Option. App Download Option. Time & Date. Weather Forecast.
b	HYBRIDE MOBILE APP (ANDROID)	1. STOCK POSITION OF DRUGS & CONSUMABLE 2. DOCTORS DUTY LIST 3. SERVICES AND FACILITIES 4. BLOOD STOCK AVAILABILITY
c	SOFTWARE FOR DIGITAL INFO-DISPLAY SYSTEM WITH ADMIN PANEL	
d	INTRACTIVE TOUCH CONSOLE (INCLUDING INSTALLATION)	INTERFACES 2*USB2.0, 2*USB3.0, RJ45, LAN, AUDIO, HDMI, VGA, DC CONNECTIVITY •AV INPUT: HDMI X 1, COMPONENT (BNC) X 1, COMPOSITE (RCA) X 1, COMPOSITE (BNC) X 1, S-VIDEO X 1, AUDIO (L/R) X 2 •AV OUTPUT: COMPOSITE (BNC) X 1, AUDIO (L/R) X 1 •PC: VGA-IN D-SUB 15HD, VGA-OUT D-SUB 15HD, DVI-D X 1, RS232 D-SUB9, RS232 D-SUB9 OUTPUT, 3.5 MM PC AUDIO INPUT X 1 •SUPPORT WIFI 802.11B/G/N/CONVENIENCE •RESPONDING TIME(MS) :8S •ENERGY-SAVING FUNCTIONS: SMART POWER •KEYBOARD CONTROL: HIDDEN, LOCKABLE •PICTURE IN PICTURE: PBP, PIP, POP •PICTURE PERFORMANCE: ADVANCED COLOUR CONTROL •PLACEMENT: LANDSCAPE •RTC TIME: SUPPORT •REMOTE CONTROL SIGNAL: LOCKABLE •SCREEN-SAVING FUNCTIONS: PIXEL SHIFT, LOW BRIGHTNESS DIMENSIONS •BEZEL THICKNESS: 44.5 MM VERTICAL, 46 MM HORIZONTAL •PRODUCT WEIGHT: 98 KG •SET DIMENSIONS (W X H): 3840 X 2160 OPERATING CONDITIONS •MTBF: 50,000 HOUR(S) •RELATIVEHUMIDITY: 5 – 90 % •TEMPERATURERANGE (OPERATION): 0 – 40 °C PICTURE/DISPLAY •ISO CERTIFIED •DISPLAY TYPE: LED •ASPECT RATIO: 16:9 •BRIGHTNESS: 500 CD/M ² •CONTRAST RATIO (TYPICAL): 1500:1 •DIAGONAL SCREEN SIZE: 32 INCH / 80 CM •DISPLAY COLOURS: 1.06 BILLION COLOURS •OPTIMUM RESOLUTION: 3840 X 2160@ 60 HZ •PANEL RESOLUTION: 3840 X 2160 4K •PICTUREENHANCEMENT: 3/2 -2/2 MOTION PULL DOWN, 3D COMPELLER MOTION COMPENS PROGRESSIVE SCAN 3D MA

		<p>DEINTERLACING, DYNAMIC CONTRAST ENHANCEMENT</p> <ul style="list-style-type: none"> •PIXEL PITCH: 0.485 X 0.485 •RESPONSE TIME (TYPICAL): 5 MS •VIEWING ANGLE: 178° (H)/178° (V) POWER •1 DRIVE 50/60HZ LCD SCREEN •CONSUMPTION (ON MODE): TYPICAL 135 W •MAINS POWER: AC100-240v 50/60Hz •STANDBY POWER CONSUMPTION: < 1 W <p>TEMPRATURE</p> <ul style="list-style-type: none"> •OPERATION TEMPERATURE 0°C -- 40 °C •STORAGE TEMPERATURE -20°C -- 60 °C <p>SOUND</p> <ul style="list-style-type: none"> • BUILT-IN SPEAKERS: 2 X 7 W (8 OHM) <p>SUPPORTED DISPLAY RESOLUTION COMPUTER FORMATS VIDEO FORMATS DECODING RESOLUTION: SUPPORT UPTO4K •4K 50, 60 HZ INTERACTIVITY TOUCH SCREEN SENSING :FINGERS,PENS, ANY OTHER OPAQUE OBJECTS MULTI-TOUCH TECHNOLOGY: 10 TOUCH POINTS SIMULTANEOUSLY, INFRARED TOUCH, USB CONNECTION, 6- MM SAFETY GLASS</p>
e	<p>DIGITAL INFO-DISPLAY SYSTEM (DISPLAY)</p>	<ul style="list-style-type: none"> • Processor: Quad Core A55 CPU • Processor Count: 1 • Operating System: Android • Android Version: Android 9 or newer • Memory Storage Capacity: 8 GB • Ram Memory Installed Size: 1GB • Hardware Interface: Ethernet, HDMI, 3.5mm Audio, Bluetooth 5, USB 2.0 • Graphics Coprocessor: Mali G31 MP2 • Tuner Technology: NTSC • Resolution: 720p • Product Dimension (W X H): 71.6 x 8.3 x 42.4 cm • PRODUCT WEIGHT: 4 KG • Remote control technology: IR, Bluetooth • Display Technology: LED • Viewing Angle: 178 Degrees • Image Aspect Ratio: 16:09 • Image Brightness : High Brightness • Supported image types: GIF, JPEG • Resolution: 1366 x 768 Pixels • Audio output mode : Surround • Supported audio formats: Mp3_audio, Wma • Speaker Surround Sound Channel Configuration: Dolby Audio DTS Virtual: X • Audio Wattage: 20 Watts • Voltage: 240 Volts • Wattage: 50 Watts • Power Source: AC • Batteries Included: Yes • Refresh Rate: 60 Hz • Total USB ports: 2 • HDMI ports xount: 2 • Connector Type: Wi-Fi, USB, Ethernet, HDMI • Maximum Operating Distance: 9 Feet • Mounting Type: Wall Mount
F	<p>SERVER FOR HOSPITAL INFORMATION SYSTEM & DIGITAL INFO-DISPLAY SYSTEM</p>	<ul style="list-style-type: none"> • Processor: 12th Gen Intel® Core™ i7-12700 • Processor core: 12 cores • Processor cache: 25MB • Processor speed: 2.10GHz to 4.90GHz Turbo • Operating system: Windows 11 Pro • Hard Disk Drive: 1TB • Hard Disk rotation speed: 7200 RPM • Hard Disk form factor: 3.5-inch • Hard Disk cache: 64MB, • Video Card: Intel® Graphics • VGA Port Count: 1 • HDMI Port Count: 1 • USB technology: 2.0, 3.0

- USB Port count: 6
- Ports: Line Out, HDMI, VGA, USB 3.0 (2), USB 2.0 (4), Power Supply Unit, Ethernet Port
- Ethernet Speed: 1Gbps
- Wireless standard: 802.11ac 1x1 WiFi
- Power supply type: Indian
- Voltage Rating: 100 - 240V
- Panel Type: TN
- Backlight Technology: LED backlight
- Resolution : 1920x1080
- Brightness: 250
- Native Contrast(typ.): 1000:1
- Viewing Angle: 178/178
- Response Time: 5ms (GtG)
- Refresh Rate: 60Hz
- Aspect Ratio: 16:9
- Display Colors: 16.7 million colors
- Color Gamut: 72% NTSC
- Display Area(mm): 476.06 x 267.79
- PPI: 102
- DCR (typ.): 20,000,000 : 1
- Color Bit: 8 bit

(2)- AUTOMATED QUEUE MANAGEMENT AND PATIENT CALLING SYSTEM

a AQMPCS REGISTRATION

Hardware and Software

:-SOFTWARE:-

Software for AQMPCS REGISTRATION

:-SYSTEM:-

Processor:

10th Gen Intel® Core™ i3-10100 processor
(4-Core 6M Cache 3.6GHz to 4.3GHz)

Operating System:

Windows 10 Home Single Language, English

Video Card

Intel® UHD Graphics 630 with shared graphics

Memory

4GB, 4Gx1, DDR4, 2666MHz

Hard Drive

1TB 7200RPM 3.5" SATA HDD

Wireless

802.11ac 1x1 WiFi

Power Cord

Power Cord (India)

Ports

Line Out, HDMI, VGA, USB 3.2 (2), USB 2.0 (2),
Power Supply Unit, Ethernet Port

:-DISPLAY:-

Dimensions: 8.6 x 42.9 x 31 cm

Panel Type: TN

Backlight Technology: LED backlight

Resolution : 1920x1080

Brightness: 250

Native Contrast(typ.): 1000:1

Viewing Angle: 178/178

Response Time: 5ms (GtG)

Refresh Rate: 60Hz

Aspect Ratio: 16:9

Display Colors: 16.7 million colors

Color Gamut: 72% NTSC

Display Area(mm): 476.06 x 267.79

PPI: 102

DCR (typ.): 20,000,000 : 1
 Color Bit: 8 bit

Features

Product Color: Black
 Color Temperature: Reddish/Normal/Bluish/
 User Mode
 K Locker: Yes
 OSD Language: 18 Languages
 HDCP: 1.4
 VESA Wall Mount: 100x100 (mm)
 AMA: Yes

Eye Care

Flicker-free Technology: Yes
 Low Blue Light: Yes
 Brightness Intelligence (B.I.): Yes
 Power

Voltage Rating: 100 - 240V
 Power Supply: Built-in
 Power Consumption: 25W
 Power Consumption: 16W

Dimension and Weight

Dimensions: 8.6 x 42.9 x 31 cm
 Net Weight (kg): 3.7Kg
 Gross Weight (kg): 4.7Kg
 Tilt (down/up): -5° - 20°

Environmental Standards

Energy Star: Yes
 EPEAT: Yes

Compliant Standards

TCO: Yes

Certification

Compatible: Windows/Linux
 TUV Certificate: TUV Flicker-free,
 TUV LBL

-.PRINTING:-

Print Method : Direct Thermal
 Print Speed : 230mm/s
 Resolution : 576dots/line
 Printing Width : 72mm
 Paper : 80mm
 Interface : USB/USB+LAN

Memory

Input buffer : 256kbytes
 NV Flash : 256kbytes

Reliability

Printing head : 150KM
 Cutter : 1.5million
 Accessories : data cable, manual,
 CD, paper roller,
 Power cord.

Paper

Paper Type : Thermal Receipt Paper
 Paper Width : 80mm
 Paper Thickness : 0.06~0.08mm
 Roll Dia : Max. 83 mm
 Paper Load : Easy paper loading
 Paper Cut : Manual tear or
 Auto-cutter

Physical Characteristics

Working Condition : 0°C~45°C, 10%~80%RH
 Storage Condition : -10°C~60°C, 10%~90%RH
 Dimensions : 196(D)x145(W) x135(H)mm
 Net weight : 1.94kg

		<p>Power Supply Input : AC 100V-240V 50/60HZ Output : DC 24V/2.5A</p> <p>OS Emulation : ESC/POS Driver : Win7/Win8 /Win10</p> <p>Fonts Font A : 12x24 Font B : 9x17 Japanese/Korea : Support User-defined : Support</p> <p>Barcode 1D : UPC-A/UPC-E/JAN13 (EAN13) / JAN8 (EAN8) / CODE39/ITF/ CODABAR/CODE93/CODE128 2D : QR Code</p> <p>Detection Sensors : Paper out, cover open, cutter jam, paper jam,</p>
b	AQMPCS CALLING	<p>Hardware and Software</p> <p>:-SOFTWARE:- Software for AQMPCS CALLING</p> <p>:-SYSTEM:- Processor: 10th Gen Intel® Core™ i3-10100 processor (4-Core 6M Cache 3.6GHz to 4.3GHz)</p> <p>Operating System: Windows 10 Home Single Language, English</p> <p>Video Card Intel® UHD Graphics 630 with shared graphics memory</p> <p>Memory 4GB, 4Gx1, DDR4, 2666MHz</p> <p>Graphics Intel® UHD Graphics 630 with shared graphics Memory</p> <p>Hard Drive 1TB 7200RPM 3.5" SATA HDD</p> <p>Wireless 802.11ac WiFi</p> <p>Power Cord Power Cord (India)</p> <p>Ports Line Out, HDMI, VGA, USB 3.2 (2) ,USB 2.0 (2) , Power Supply Unit, Ethernet Port</p> <p>:-DISPLAY 1:- Dimensions: 394.4 X 489.5 X 175.1 Panel Type: IPS Backlight Technology: LED backlight Resolution : 1920x1080 Brightness: 250 Native Contrast(typ.): 1000:1 Viewing Angle: 178/178</p>

Response Time: 5ms (GtG)
Refresh Rate: 60Hz
Aspect Ratio: 16:9
Display Colors: 16.7 million colors
Color Gamut: 72% NTSC
Display Area(mm): 476.06 x 267.79
PPI: 102
DCR (typ.): 20,000,000 : 1
Color Bit: 8 bit

Audio

Built-in Speaker: 1Wx2
Headphone Jack: Yes
Audio Line In: Yes

Features

Product Color: Black
Color Temperature: Reddish/Normal/Bluish/
 User Mode
K Locker: Yes
OSD Language: 18 Languages
HDCP: 1.4
VESA Wall Mount: 100x100 (mm)
AMA: Yes

Eye Care

Flicker-free Technology: Yes
Low Blue Light: Yes
Brightness Intelligence (B.I.): Yes

Power

Voltage Rating: 100 - 240V
Power Supply: Built-in
Power Consumption: 25W
Power Consumption: 16W

Dimension and Weight

Dimensions: 394.4 X 489.5 X 175.1
Net Weight (kg): 3.7Kg
Gross Weight (kg): 4.7Kg
Tilt (down/up): -5° - 20°

Environmental Standards

Energy Star: Yes
EPEAT: Yes

Compliant Standards

TCO: Yes

Certification

Compatible: Windows/Linux
TUV Certificate: TUV Flicker-free,
 TUV LBL

:-DISPLAY 2:-

Dimensions: 8.6 x 42.9 x 31
Panel Type: TN
Backlight Technology: LED backlight
Resolution : 1920x1080
Brightness: 250
Native Contrast(typ.): 1000:1
Viewing Angle: 178/178
Response Time: 5ms (GtG)
Refresh Rate: 60Hz
Aspect Ratio: 16:9
Display Colors: 16.7 million colors
Color Gamut: 72% NTSC
Display Area(mm): 8.6 x 42.9 x 31
PPI: 102
DCR (typ.): 20,000,000 : 1
Color Bit: 8 bit

		<p>Features</p> <p>Product Color: Black Color Temperature: Reddish/Normal/Bluish/ User Mode K Locker: Yes OSD Language: 18 Languages HDCP: 1.4 VESA Wall Mount: 100x100 (mm) AMA: Yes</p> <p>Eye Care</p> <p>Flicker-free Technology: Yes Low Blue Light: Yes Brightness Intelligence (B.I.): Yes</p> <p>Power</p> <p>Voltage Rating: 100 - 240V Power Supply: Built-in Power Consumption: 25W Power Consumption: 16W</p> <p>Dimension and Weight</p> <p>Dimensions: 8.6 x 42.9 x 31 cm Net Weight (kg): 3.7Kg Gross Weight (kg): 4.7Kg Tilt (down/up): -5° - 20°</p> <p>Environmental Standards</p> <p>Energy Star: Yes EPEAT: Yes</p> <p>Compliant Standards</p> <p>TCO: Yes</p> <p>Certification</p> <p>Compatible: Windows/Linux TUV Certificate: TUV Flicker-free, TUV LBL</p>
(3)- OTHER HARDWARE		
a	CABLES, FITTINGS, ELECTRIFICATION AND OTHERS	