



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/HRD/021/1934
DATE	29/11/2024
DUE DATE	06/12/2024 (13.00HRS)

Extended upto. 11.12-2024 (13.00hrs)

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Dear Sir,

Please submit your lowest and competitive offer in a SEALED ENVELOPE, DULY SUPERSCRIBING OUR ABOVE ENQUIRY REF. NO., DATE and DUE DATE on it. Mentioned other details of F.O.R terms, Taxes, Credit period, Delivery offered, Name of the Make, Detailed Specification etc., for the below Supply or Service

Sl No	ItemCode	Item Description	Uom	Qty
01	DC2024	DIGITAL CLOCK	NOS	10

Please ensure that your offer reaches us on or before Due Date by courier OR Speed post or by Hand in sealed cover only to below office address:

M/s. Karnataka Antibiotics and Pharmaceuticals Limited Plot No.37, Arka The Business Centre, NTTF Main Road, Peenya Industrial Area 2nd Phase, Bengaluru-560058 Ph. No.080-23571590

OTHER TERMS:

- | | |
|---------------------------------|------------------|
| 1. F.O.R TERMS | : DOOR DELIVERY |
| 2. GST % | : PLEASE SPECIFY |
| 3. PACKING & FORWARDING CHARGES | : NOT APPLICABLE |
| 4. CREDIT PERIOD | : 30 DAYS |
| 5. DELIVERY OFFERED | : PLEASE SPECIFY |
| 6. ATTACHEMENT | : URS(4SHEET) |

NOTE:

01. IF YOU ARE NOT PARTICIPATING IN THE TENDER PLEASE SEND A REGRET LETTER.

02. VENDOR HAS TO QUOTE AS PER OUR TENDER IN YOUR COMPANY LETTER HEAD.

03. QUOTATION MUST BE SUBMITTED IN TWO SEALED COVERS (TECHNICAL & COMMERCIAL/PRICE BID) SEPARATELY AND IN ONE ENVELOPE OR ELSE YOUR PROPOSAL WILL NOT BE CONSIDERED.

IF YOU NEED ANY CLARIFICATION, PLEASE CONTACT US.

Thanking you,

Yours faithfully,
For KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED

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YUVARAJA M
DEPUTY MANAGER PURCHASE DEPT

Karnataka Antibiotics & Pharmaceuticals Limited

QUALITY ASSURANCE DEPARTMENT

User Requirement Specifications

Project/system	GPS BASED DIGITAL CLOCKS FOR CLEAN ROOMS		
Specification #	DGCL	Document#	URS/DGCL/24/06/00
Effective Date	15.07.2024	Revision#	00



**USER REQUIREMENT SPECIFICATIONS
OF
GPS BASED
DIGITAL CLOCKS
FOR
CLEAN ROOMS**

Equipment ID: QA/DGCL/24/06

Revision index:

Revision	Date	Reason for revision
00	15.07.2024	Initial Document

Annexure List

Annex No.	Drawing / Document No.	Detail
1	NIL	NIL

Karnataka Antibiotics & Pharmaceuticals Limited

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OBJECTIVE:

The objective of this document is to specify the user requirement specifications for procuring “GPS Based Digital Clean Room Clocks” for the use of ensuring uniform time across the plant.

3. NO OF UNITS REQUIRED: 52 No’s

4. TECHNICAL SPECIFICATIONS:

The Digital GPS Based Clean Room Clocks should have the following technical specifications

Item Specifications

DISPLAY

Type of Display	➤ 6 Digits 4” High 7 Segment Super Bright Red LED Display for Hours & Minutes , Seconds in 2” high size Format HH:MM:SS
Shape of clock	Rectangular
Type of mounting	Wall mount
Time Display	24 Hours’ Time Format Standard / Optional 12 Hours Format
Material construction	M S Powder coated back box and stainless steel front flush plate.
Weight of clock	0 to 3Kg or standard
Visibility	Up to 70 to 75 feet’s.

GPS RECEIVER SPECIFICATIONS OF MASTER CLOCK

Protocol	NMEA Standard (National Marine Electronics Association)
Cold Start	45 Seconds (Average)
Warm Start	45 Seconds (Average)
Hot Start	2 Seconds

CONNECTIVITY

Communication	Wired RS 485 Proprietary Protocol/ Optional Wireless RF
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Communication for Up to 108 Clocks in a single master slave network

Accuracy

Standard GPS Accuracy of +/- 1 second relayed all across the network. In absence of GPS Signal, +/-60 Seconds per year standalone accuracy

Time Programming

Wireless IR Remote for time input for slave clocks in case of Communication Failure

Input Supply

230 VAC , 50 Hz & 24 V.D.C., 350mA

SIZE OF CLOCK

Size Display Master GPS Clock

Body 480 x 165 x 60 mm. (W x H x D) Front Flush Plate 525 x 180 mm (W x H)

Remarks:

- RS 485 Requires A Separate Network please specify that vendor shall do the network
- Vendor shall be complete installation and configuration for the project.
- Vendor shall visit the site and analyze the requirements. Example Cable Length, Connectors, Network and provide the diagram as how the clocks are connected (PC/Server)

5. REQUIRED IN LOCATIONS:

The item is required in the below mentioned location:

Dry Powder Parenterals, Small Volume Parenterals, Quality control and quality assurance, Non-Parenterals, Oral Solid Dosage forms, engineering and maintenance, Human resource department, All stores and Packing department.

6. PREFERRED BRANDS & MODEL:

1. ACE INSTRUMENTS: MASTER GPS CLOCK, MODEL AI-CL1, MODEL AI-CL4
2. AVRONICA SOLUTIONS PRIVATE LIMITED: Product Id.5116877-90611330383
3. INSTRUKART HOLDINGS: MODEL AI-CL1
4. DYNATEK