

Dept. of Endocrinology & Metabolism
ALL INDIA INSTITUTE OF MEDICAL SCIENCES

No. -01/E&M/2017-18/AIIMS

Ansari Nagar, N. Delhi-110029
Dated the: 13th Dec 2017

Technical Specification for the purchase of Accelerometer Gene Active Original

Physical Parameters

1. Strap - PU resin
2. Battery Type - Rechargeable lithium polymer

Environmental Protection

3. Moisture Ingress - Water-resistant to 10m (IP67 – 1m 24hrs)
4. Material Ingress - Dust tight (IP67)
5. Operating Temperature - 5 – 40 deg C
6. Mechanical Impact - 0.5m drop resistant

Measurement Capabilities

7. Memory - 0.5Gb non-volatile
8. Logging Frequencies Selectable 10-100Hz (10Hz)
9. Maximum Logging Periods 45 days @ 10Hz; 7 days @ 100Hz

Internal Clock

10. Type Quartz Real Time Clock
11. Frequency 32.768kHz
12. Accuracy +/- 20ppm (+/- 1.7s per day)

Acceleration Measurements

13. Sensor Type MEMS
14. Range +/- 8g
15. Resolution 12 bit (3.9 mg)

Light Measurements

16. Sensor Type Silicon photodiode
17. Wavelength 400 to 1100 nm
18. Range 0 – 3000 Lux typical
19. Resolution 5 Lux typical
20. Accuracy +/- 10% @ 1000 Lux calibration

Event Logger

21. Sensor Type Mechanical membrane switch

Temperature Measurements

22. Sensor Type Linear active thermister
23. Range 0 to 60 deg C
24. Resolution 0.25 deg C
25. Accuracy +/- 1 deg C
26. Measurement Frequency Every 30s minimum

USB Connection

27. Device USB 2.0 Full Speed
28. Charge Cradle Format 4 unit cradle USB 2.0 High Speed
29. Charge Time 90% @ 2 hours; 100% @ 3 hours
30. Data Download Time Maximum 15 minutes for 4 concurrent units

It is certified that the specifications are of general nature/ broad parameter and do not favour a particular company

डा० यशदीप गुप्ता
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डा० विवेका जी. ज्योत्सना
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Dr. NIKHIL TANDON M.D., Ph.D.
आचार्य एवं अध्यक्ष/Professor & Head
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ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR : NEW DELHI: 110029

PROPRIETRY/SPECIFICATION BRAND GOODS CERTIFICATE

Dated -13th Dec 2017

- | | |
|--|--|
| 1. Item/Type/Model No. required along with specification. | Accelerometer Gene Active Original |
| 2. If the item a spare part attachment or accessory for an existing equipment. | It is an independent device. |
| 3. Name of the manufacturer/supplier of the item proposed by the indenter. | M/s Activeinsights Ltd. is sole manufacturer |
| 4. Are they sole manufacturer/sold distributor of the item | Yes - sole manufacturer |
| 5. If there any other item with similar /equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages /cost effectiveness of the recommended item from these offered by other. | No |
| 6. What were the efforts made to located alternative source of supply or use other substitutes. | M/s Activeinsights Ltd. is sole manufacturer of this machine with required specifications |
| 7. Why open/limited tender can't be resorted to, for locating alternative source. | Because there is no other manufacture as per our best knowledge with required specifications. |
| 8. Are the proprietary items certifying that the rates are reasonable or not. | Yes proprietary items & the rates are reasonable. |
| 9. Any other justification for procuring item from the single source. | M/s Activeinsights Ltd. is sole manufacturer is the sole manufacturer of this device as per our best knowledge |

Signature of Indenter
(Demanding Office)

डा० यशदीप गुप्ता

DR. YASHDEEP GUPTA

मुख्य चिकित्सा/आंतरांगीय विशेषज्ञ

Chief Medical Officer/Endocrinology Professor

अन्तःस्राविकी एवं चयापचय विभाग

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(Countersigned)
(Head of the Department)

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I certify that the item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known / the specified brand proposed was advantages in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.
(Strike out whichever is not applicable)

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No. F.RE -01/E&M/2017-18/AIIMS

Ansari Nagar, N. Delhi-110029
Dated the: 13th Dec 2017

Subject: Purchase of Accelerometer Gene Active Original on the basis of proprietary Item

Department need to purchase **Accelerometer Gene Active Original** on the Basis of Proprietary Item. Therefore it is to be uploaded on the AIIMS website with the attached specification to seek open information/objections from any bidder.

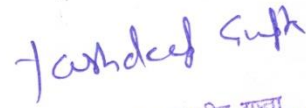
Thanking you,

Yours Sincerely




Head of the Department
Dept. of Endocrinology & Metabolism

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Activinsights

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QUOTE REF: IMS25-IND

Dr. Yashdeep Gupta
Assistant Professor
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New Delhi 110029, India

T:
E: yash_deep_gupta@yahoo.co.in

11th December 2017

Dear Dr Gupta,

Please see the below the costs for purchasing the GENEActiv *Original* units you requested.

- 5 x GATV 02 GENEActiv *Original* multi pack at _____
20 x GENEActiv *Original* devices with black resin wrist straps
5 x Charger/download cradles with USB cables
Software for Windows platforms and instruction manual via download
- 5 x GATV 04 GENEActiv *Original* single devices at _____
5 x GENEActiv *Original* devices with black resin wrist straps

The prices quoted above are valid for 120 days. Please note that we are currently operating a 2 week delivery lead time on receipt of new Original orders. Activinsights can offer additional data analysis services if required then please let us know. **Activinsights Ltd are not liable for any import taxes with the delivery.**

We are only able to accept payment by bank transfer or credit card. Payment by any other means will be returned.

I hope the above is satisfactory and if you have any further queries please do not hesitate to contact me.

Yours sincerely,

Samantha Huff

Product Support Manager

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Registered in England No. 6576069 | Registered office: 6 Nene Road, Bicton Industrial Park, Kimbolton, Cambridgeshire, PE28 0LF

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11th December 2017

We, Activinsights Ltd, hereby confirm that we are the sole worldwide suppliers of the GENEActiv range of products. GENEActiv are wrist-worn raw data accelerometers with inbuilt ambient light and temperature sensors, on the market for research purposes. We have over 200 peer reviewed publications using our devices in a range of population-level studies. GENEActiv is CE marked and is used internationally.


We are therefore the sole distributor of GENEActiv in India.

Kind regards,


Samantha Huff
Product Support Manager
Activinsights Ltd


- Yashdeep Gupta


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