

# DAWN

TODAY'S PAPER | JANUARY 20, 2022



## DOW UNIVERSITY OF HEALTH SCIENCES

No. DUHS/DP/2022/(Cor-1)/-167

Dated 19 January 2022

### CORRIGENDUM

Reference to the Invitation for Bids (IFB) No. DUHS/DP/2022/-167 Dated 03 January 2022 appeared in Daily Dawn, Daily Jang and Daily Kawish on 04 January 2022 and uploaded on Dow University of Health Sciences (DUHS) and Sindh Public Procurement Regulatory Authority (SPPRA) website at PPMS NIT ID No. T00582-21-0016 for the procurement of Gamma Detection System:

Following changes have been made in the above-referred tender:

1. Section V: Technical Specifications have been corrected / modified, which may be downloaded from the websites of SPPRA ([www.e.pprasindh.gov.pk/](http://www.e.pprasindh.gov.pk/)) and DUHS ([www.duhs.edu.pk](http://www.duhs.edu.pk)). All the interested eligible bidders are requested to please furnish their bid in accordance with the corrected / modified specifications.
2. The closing date for tender purchasing and tender submission has also been extended as per following schedule.

Last Date for Tender Purchase	Bids Delivery Date & Time	Bids Opening Date & Time
07 February 2022	08 February 2022 at 1100 Hrs.	08 February 2022 at 1130 Hrs.

**NOTE: All other terms and conditions of the tender shall remain unchanged.**

**Director Procurement**  
**Dow University of Health Sciences (Ojha Campus)**  
**Procurement Directorate at Library Block,**  
**SUPARCO Road, off Main University Road,**  
**Gulzar-e-Hijri, Scheme No. 33, Karachi.**  
**Phone No. + 92-21-99261497**  
**Email: [director.procurement@duhs.edu.pk](mailto:director.procurement@duhs.edu.pk)**

[www.duhs.edu.pk](http://www.duhs.edu.pk)

Babe-e-Urdu Road, Karachi - 74200 Pakistan.  
Tel: 021-99216065 Fax: 021-99216065





**OFFICE OF THE DIRECTOR PROCUREMENT**  
**DOW UNIVERSITY OF HEALTH SCIENCES**

Procurement Directorate at Library Block, SUPARCO Road, off Main University Road, Gulzar-e-Hijri, Scheme No. 33, Karachi.  
**Direct No. Tel:** 99261497 **Website:** [www.duhs.edu.pk](http://www.duhs.edu.pk) **E-mail:** [director\\_procurement@duhs.edu.pk](mailto:director_procurement@duhs.edu.pk)

No. DUHS/DP/2022/(Cor-1)/-167

Dated 19 January 2022

**CORRIGENDUM**


Reference to the Invitation for Bids (IFB) No. DUHS/DP/2022/-167 Dated 03 January 2022 appeared in Daily Dawn, Daily Jang and Daily Kawish on 04 January 2022 and uploaded on Dow University of Health Sciences (DUHS) and Sindh Public Procurement Regulatory Authority (SPPRA) website at PPMS NIT ID No. T00582-21-0016 for the procurement of Gamma Detection System:

Following changes have been made in the above-referred tender:

1. Section V: Technical Specifications have been corrected / modified, which may be downloaded from the websites of SPPRA ([www.e.pprasindh.gov.pk/](http://www.e.pprasindh.gov.pk/)) and DUHS ([www.duhs.edu.pk](http://www.duhs.edu.pk)). All the interested eligible bidders are requested to please furnish their bid in accordance with the corrected / modified specifications.
2. The closing date for tender purchasing and tender submission has also been extended as per following schedule.

Last Date for Tender Purchase	Bids Delivery Date & Time	Bids Opening Date & Time
07 February 2022	08 February 2022 at 11:00 Hrs.	08 February 2022 at 11:30 Hrs.

**NOTE:** *All other terms and conditions of the tender shall remain unchanged.*

  
Director Procurement  
Dow University of Health Sciences (Ojha Campus)  
Procurement Directorate at Library Block,  
SUPARCO Road, off Main University Road,  
Gulzar-e-Hijri, Scheme No. 33, Karachi.  
Phone No. + 92-21-99261497  
Email: [director\\_procurement@duhs.edu.pk](mailto:director_procurement@duhs.edu.pk)

## Technical Specifications

Item No.	Name of Goods, Technical Description, Specifications and Standards	Required Quantity
1.	<p><b>GAMMA DETECTION SYSTEM</b></p> <ol style="list-style-type: none"> <li>1. The probe should have a detector with shielding.</li> <li>2. Energy Range 0 – 550 keV or equivalent.</li> <li>3. In built calibration system.</li> <li>4. Approximately 04 hours continuous use of main system or better.</li> <li>5. Operating temperature range from 15 to 40 degree Celsius.</li> <li>6. All probes should be waterproof with integrated/removeable collimator.</li> <li>7. Ten seconds count display for displaying accumulate events over a period of 10 seconds.</li> <li>8. Should give both audio as well as visual count feedback.</li> <li>9. Automatic probe recognition facility.</li> <li>10. Portable control unit with large LED display or better.</li> <li>11. Accuracy: 95% - 99%.</li> <li>12. Sterilization container must be included for steam / H2O2 or equivalent compatible with supplied equipment or manufacturer recommended sterilization procedure.</li> <li>13. Internal Energy Threshold for elimination of unwanted background activity</li> <li>14. Should be compatible with variety of isotopes including I125, I131, In 111, Tc99, FDG 18 etc.</li> <li>15. Choice of audible range of customization of the sound system related to activity.</li> <li>16. System should be usable for Breast, Head &amp; Neck, GI, Gynae and endocrine fields.</li> <li>17. Main bid should include multi-purpose small, wired probes with standard accessories or better.</li> <li>18. Trolley with lockable caster must also be provided (locally manufactured of good quality).</li> <li>19. Small and large probe wired, Bluetooth, laparoscopic compatible with the system should be quoted as optional.</li> <li>20. All standard and required accessories should be quoted as essential accessories and all accessories like cables etc. for full functioning of the equipment is the responsibility of the bidder.</li> <li>21. The manufacturer should have a good number of installations globally.</li> <li>22. Must have service backup team based in Karachi, Pakistan.</li> <li>23. Should have 03 years comprehensive warranty from manufacturer including labor and spare parts.</li> <li>24. Comprehensive maintenance contract from 4<sup>th</sup> to 10<sup>th</sup> year must be quoted separately.</li> <li>25. The contractor will also provide a hard copy and digital copy of all installation reports, PPM reports and checklist, service reports, uptime reports, QA and QC reports, equipment log, installation manuals, technical documentation of part and FMI installed on the system, operational manuals, technical manuals, maintenance manuals, software to the Biomedical Engineering Department.</li> </ol>	01 Unit



Item No.	Name of Goods, Technical Description, Specifications and Standards	Required Quantity
26.	Bidder is also required to maintain a stock of spare parts in stock as recommended by the manufacturer. The list of which may be provided and physical inspection may be done by the procuring agency.	
27.	End-user application training and technical training of engineer to be provided locally by a trained specialist along with training material as per manufacturers guidelines.	
28.	Equipment must comply with 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japan MHLW (Ministry of Health Labor & Welfare) for specific quoted model.	
29.	Original Equipment Manufacturer and Country of Origin Certificate must be attached with bid.	
30.	Country of origin should be USA / Europe / UK / Japan (other countries may be accepted if meet the required standards).	

**SPECIAL NOTE:**

- i. Confirm delivery / completion period, Bid Validity Period, Payment Terms must be specified.
- ii. Equipment must be quoted with all the standard accessories and operational and repair manuals, required for the operation of the equipment.
- iii. Bidder will be responsible to provide the local training in the use of equipment to the relevant university staff on free of cost (FOC) basis.**
- iv. UPS/Power protection for the equipment shall be incorporated in the systems, otherwise prices must be quoted separately.
- v. 95% up time of the machinery / equipment to be ensured by the bidder during the warranty period.
- vi. Manufacturer shall be responsible for providing the complete support in case of agency transfer.
- vii. All the civil works and allied services will be carried-out by the Dow University of Health Sciences, Karachi with the consultation of the responsive bidder.
- viii. The bidder will separately quote the price of service contract inclusive of parts as well as excluding the parts up to the 10 years (post warranty / guarantee period) in term of %age for total contract value.**