

Corrigendum and updates related to the following tender invitation:

Tender notification for the procurement of “High-precision x-y-z translation stages with a gantry system” from domestic (India-based) manufacturers

Ref:PH/SBM/512/2021-22 Date: 02/12/2021 Published: 06/12/2021

https://iisc.ac.in/wp-content/uploads/2021/12/Seababrata_Mukherjee_Stages_round4.pdf

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A) The following item has been added in “Specification”:

20. Position synchronised output (PSO) is required with high speeds and low latencies (furnish the details). The controller should be able to trigger other external equipment (such as acousto-optic modulators (AOM), industrial lasers, cameras, etc) **based on the actual distance travelled by the stages.**

B) The following item has been added in “Specification”:

21. Fibre-optic motion bus: In motion control, a fibre optic communication bus is required with less than 1 nano-second jitter, offering reliable communication that is immune to electromagnetic interference.

C) The following item has been added in “Specification”:

22. Crossed roller bearing x-y-z stages are preferable for greater stiffness and repeatability compared to recirculated ball bearings

D) The following item has been added in “Specification”:

23. The following features are preferable: (a) One-click servo tuning algorithm for easytune, (b) Multipliers up to x65536, capable of sub-nanometre electrical resolution, (c) Programmable libraries which execute at the firmware level.

Last date of submission: 14 January 2022