

**Addendum 02**

With reference to the tender notification for “3D PIV with LDV/PDPA System” (Tender Notification No.: NITK/CRF/3D PIV/04, Dated: 12/05/2020), Please note the following corrections

1. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, **Sl. No. 01**, under “**Changes to the Tender**”,

NITK decided to modify it as,

“PIV laser with the most efficient compact monolithic dual cavity laser heads and it is optimized for PIV applications. The output energy  $\geq$  1KHz @ 527nm is **2 x 22.5 mJ or better**. The repetition rate can be changed from Single shot to 10 KHz and the laser is characterized by an excellent pulse to pulse stability and a uniform beam profile. Laser Class 4”.

2. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, **Sl. No. 4**, under “**Changes to the Tender**”,

NITK decided to modify it as,

“**Ambient Temperature Range: 15-30°C or better**”.

3. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, **Sl. No. 11**, under “**Changes to the Tender**”,

NITK decided to modify it as,

“2D traversing units with a controller in both the directions with minimum incremental motion in microns. Traverse should be controlled through PIV software. Traverse should be supplied with all the required accessories for camera mounting. Travel ranges 1000mm or more in both directions (**Qty 1**)”.

4. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, **Sl. No. 13**, under “**Changes to the Tender**”,

NITK decided to modify it as,

“Scheimpflug adapters (Qty 3): **Max. Scheimpflug angle 20° or better**. Free orientation of the camera for oblique angles and Scheimpflug rotation axis aligned with camera”.

5. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, under “**The following points need to be considered while quoting the bid**”, Page No. 18/20, **Sl. No. 16, Point No. 02**

NITK decided to modify it as,

“**Additional Individual Analysis Software Dongle for all the softwares mentioned in the specification(1No) is now considered to be optional item. Hence, the vendor has to quote this separately**”.

6. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, **Sl. No. 29**, under “**Changes to the Tender**”,

NITK decided to modify it as,

“Wavelength typically **450nm**, FWHM 25 nm”

7. Under “**Tender Document**”, “**Addendum 01(Dated: 30-06-2020)**”, Under “**Queries & Reply/Clarification**”, under “**The following points need to be considered while quoting the bid**”, Page No. 16/20, **Sl. No. 10**,

NITK decided to modify it as

“Double sided 3D calibration plate for 2D/Stereo/ Volumetric PIV measurement **(1No)**”.

8. Under **“Tender Document”**, **“Addendum 01(Dated: 30-06-2020)”**, Under **“Queries & Reply/Clarification”**, under **“The following points need to be considered while quoting the bid”**, Page No. 17/20, **Sl. No. 15**,

NITK decided to modify it as,

**“A suitable UPS 10KVA for 1-hour backup with Inbuilt Isolation Transformer should be supplied”.**

9. Under **“Tender Document”**, **“Addendum 01(Dated: 30-06-2020)”**, Under **“Queries & Reply/Clarification”**, under **“The following points need to be considered while quoting the bid”**, Page No. 18/20, **Sl. No. 16, Point No. 01**,

NITK decided to modify it as,

**“The additional 2 Nos of computers specified in the addendum01, is now made optional. Hence, the vendor should quote this separately”.**

10. Under **“Tender Document”**, **“Addendum 01(Dated: 30-06-2020)”**, Under **“Queries & Reply/Clarification”**, under **“The following points need to be considered while quoting the bid”**, Page No. 17/20, **Sl. No. 12, Bullet No. 02**,

NITK decided to modify it as,

**“Adjustable Portable and foldable tribot stand; Appropriate light source; Appropriate Image processing Software which was sought in addendum01 is now made optional. Hence, the vendor has to quote separately”.**

11. Under **“Tender Document”**, **“Addendum 01(Dated: 30-06-2020)”**, Under **“Queries & Reply/Clarification”**, under **“The following points need to be considered while quoting the bid”**, Page No. 17/20, **Sl. No. 14**,

NITK decided to modify it as,

**“Pressure from PIV is now made optional. Hence, the vendor is requested to quote separately”.**

12. Under “Tender Document”, “Annexure-H”, under “Detailed Technical Specifications”, Under “Module I”, Sl. No. 03, Page No. 32 of 39, Under “Software for 3D PIV, Stereo PIV, Volumetric PIV and cameras”,

NITK decided to modify it as,

**“Additionally, 2D PTV is sought hence, appropriate software needs to be included”.**

Hence “Software for 3D PIV, Stereo PIV, Volumetric PIV and cameras” may be read as **“Software for 3D PIV, Stereo PIV, Volumetric PIV, 2D PTV and cameras”.**

13. The details of the specifications mentioned in **“Addendum01”**, under **“The following points need to be considered while quoting the bid”** in page 16 of 20, **Point No. 11 replaces the specifications of camera** mentioned in Under Tender Document, Annexure-H, under Detailed Technical Specifications, Under Module IV, Page No. 37 of 39, **under Sl. No. 02, For the high speed camera.**

14. **The vendor should quote for the complete tender including the modifications made in Addendum01 and Addendum02; Partial bids for any one of the modules will be rejected.**

Sd/-  
Buyer  
(Dr. Gnanasekaran)

Sd/-  
Chairman  
Central Research Facility  
NITK, Surathkal