



भारतीय प्रौद्योगिकी संस्थान इंदौर
खण्डवा रोड, सिमरोल, इंदौर, - 453 552, भारत
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore - 453 552, India

www.iiti.ac.in

IIT Indore

NIT No.: IITI(MM)/ME/1/1A/1271/NKJ/2022-2023

March 09, 2023

PREBID REPORT

The meeting for Pre-bid discussion was held at IIT-Indore on 09/03/2023 from 11.00 AM onwards for GeM BOQ bidding for **Supply & Installation of 3D Scanner**.

The report of the meeting is as mentioned below.

Sl. No.	Reference of the Clause/ Page No. of the Tender Document	Query raised	Pre-bid Attende d by	Response from IITI
01.		<p>The Specification mentioned in the Tender is for Einscan which is a Chinese company. As per the DPIIT policy and GEM Policy, all Indian departments are barred to do business with any company based out of China as it shares land border with India. We request the honourable committee to relook and change the specifications.</p> <p>We recommend following changes as current specs are favouring only one Chinese product which defeats the concept of tender and healthy competition:</p> <p>a) Scan mode: Handheld HD scan, Handheld rapid scan, fixed scan with turn-table; it should be revised to desktop mode as it doesn't make sense to have both modes as desktop mode is for very small to big objects and very high precision and resolution. handheld mode cannot give high accuracy or resolution.</p> <p>b) Working distance: 400 to 500 mm; it should be revised to 300mm</p> <p>c) Alignment mode: Marker Alignment, Texture Alignment, Feature Alignment, Hybrid Alignment, Manual Alignment , Turntable, Coded Targets; it should be revised to by markers, by geometry d) Data output format: OBJ , STL , ASC , PLY , P3 , 3MF; it should be revised to obj, ply, stl, ptx, and asci</p> <p>e) Scanning and Reverse Engineering software. Latest versions of compatible scanning software such as Exscan Pro, and latest version of reverse engineering software such as Solid Edge 3D. It should be revised to scanning software and supporting RE software. Specifying software name gives unwanted advantage to one company which is against the spirit of open tender</p>	<p>Mr. Shrikan t Agarwal from M/s K.K Geosy stem Pvt. Ltd.</p>	<p>Following changes can be made based upon the online pre-bid meeting held on 9th March 2023</p> <p>Scan mode: Handheld HD scan, handheld rapid scan, fixed scan with turntable, and desktop mode.</p> <p>Scan speed: 12,50,000 to 30,00,000 points per second</p> <p>Single scan range: 150 mm x 120 mm to 340 mm x 475 mm Workng distance: 300 to 500 mm Alignment mode: Feature, Geometry, Marker, Texture, Manual, Turntable Coded Targets, Hybrid</p>

02.	<p>We are leading re-sellers for 3D laser scanners in india. We are interested in participating in the tender, but current specification are favoring only 1 brand and 1 product which is against the rules of open Tender. Also the specs are for a chinese product which is legally barred to do business with indian government department as per DPIIT policy. We request following changes for enabling wider participation in the tender:</p> <p>1) Scan mode: Handheld HD scan, Handheld rapid scan, fixed scan with turn-table; We request it to be changed to handheld or handheld with turntable</p> <p>2) Scanning accuracy: 30-50 micron; We request it to be changed to 100 microns</p> <p>3) Scan speed: less than 15,00,000 to 30,00,000 points per second We request it to be changed to 12,50,000 points per second</p> <p>4) Single Scan Range: 150 x 120 mm to 250 x 200 mm; We request it to be changed to 340 x 475mm (13.39 x 18.7 in)</p> <p>5) Point distance: 0.15 to 2 mm; We request it to be changed to 0.250 mm</p> <p>6) Light source: LED; We request it to be changed to IR VCSEL</p> <p>7) Alignment mode: Marker Alignment, Texture Alignment, Feature Alignment, Hybrid Alignment, Manual Alignment ,Turntable Coded Targets; We request it to be changed to Geometry and/or targets and/or texture</p> <p>8) Data output format: OBJ , STL , ASC , PLY , P3 , 3MF; We request it to be changed to .dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr, .dxf</p> <p>9) Scanning and Reverse Engineering software: Latest versions of compatible scanning software such as Exscan Pro, and latest version of reverse engineering software such as Solid Edge 3D. We request it to be chanded to supporting 3d scanning and RE software.</p> <p>We request authorities to have generic specifications for wider participation in the Tender otherwise only one chinese company will participate and as per DPIIT and GEM policy, they are barred from selling any products as they share land border with India.</p>	<p>Mr. Alfaz Mankad from M/s Megatronix Vision</p>	<p>Light source: IR VCSEL, LED</p> <p>Working distance: 300 mm to 500 mm</p> <p>Data output format: obj, ply, stl, ptx, and asci, dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr, .dxf</p>
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All prospective/willing bidders are requested to take note of this report as part of the Tender document. All other terms and conditions of the tender remain unchanged.


Assistant Registrar (MMS)
 (Materials Management Section)