
	<p><b>H.P. Khadi &amp; Village Industries Board</b> <b>Cleave Land Shimla-171004</b> Ph. No. 0177-2652407, 2653229, 2812280, e-mail: khadi-hp@nic.in</p>	
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No. Him. K&VIB/3/Purchase of ETS Machines/2024-25/ dated:

**Tender Notice**

The H.P. Khadi and Village Industries Board intends to purchase ETS machines for supply to Govt. depts. as per detail specification(s) given in the Technical Specifications of the ETS machines. Interested Original Equipment Manufacturers(OEMs) or Authorised Dealers are invited to attend the pre-bid meeting before publication of final tender.

The tentative Tender Documents containing Technical specification(s) of ETS machines, Eligibility Criteria and submission requirement thereof of the bidders can be downloaded from the Himachal Institute of Public Administration website: <https://hipashimla.nic.in> or can be sought through email ID of Khadi Board [Khadi-hp@nic.in](mailto:Khadi-hp@nic.in) (Tel. No. 0177-2652407, 2802724 Mob. No. 9418008624)

A pre-bid meeting with the bidders/interested firms, will be held on 05-12-2024 (Thursday) at 11.00 AM in the Office of CEO, H.P. Khadi and Village Industries Board, Cleave Land, Near H.P. Vidhan Sabha, Shimla-171004.

**Chief Executive Officer**  
H.P. Khadi & V.I. Board  
Shimla-171004

## 1. BACKGROUND:

The Khadi & Village Industries Commission (KVIC) and Govt. of India persuaded the State Govt. to set up Khadi & Village Industries Board, in order to receive grants and loans from the KVIC only for the development of Khadi & Village Industries especially in the rural areas in the State whereas administrative expenditure will be provided by the State Govt.

Therefore, Himachal Pradesh Khadi and Village Industries Board was *constituted under the H.P. Khadi and Village Industries Board Act, 1966 and is a statutory body* which came into existence on 8<sup>th</sup> January, 1968 with the main objective to plan, organize and implement programmes for the development of Khadi & Village Industries in the rural areas of the State. Since its inception the Board is magnanimously putting all possible efforts to achieve the following objectives/mandate set before it:-

1. *The “social objective” of providing employment*
2. *The “economic objective” of producing saleable articles, and*
3. *The “wider objective” of creating self reliance amongst the people and building up a strong rural community spirit.*

## 2. ELIGIBILITY CRITERIA:

### (TECHNICAL)

- 2.1. **In case of Original Equipment Manufacturers, the following documents must be submitted:-**The Original Equipment Manufacturers is required to submit the manufacturing certificate i.e. (Udyog Aadhaar memorandum)/ Udyam registration for requisite/quoted item(s) and registered with Industries Department of any State Govt. or Ministry of MSME, Govt. of India.
- 2.2. **In case of authorized Dealers, following documents must be submitted:** In case of authorized dealers participate in the tender, tenderer(s) are required to submit proper authority letter(s)/ authorization(s) from their Original Equipment Manufacturing (OEM) firm(s) in origin on their letter pad(s) for quoted item(s) in which the participating firm has been authorized to participate, quote the rates and supply the material on behalf of the Original Equipment Manufacturing firm(s) in Himachal Pradesh along with validity period of dealership.

- 2.3. Bidders offering must also comply with the additional specification parameters mentioned above.
- 2.4. Bidder or OEM should have proof of documents of supplied Single order of 10 no's ETS in Govt. Land Records Department in last 3 years. Proof of documents should be attached.
- 2.5. OEM should have their own service centre at any nearest place in Himachal Pradesh or Chandigarh, or Delhi for better service support, proof of document should be submitted along with bid.
- 2.6. Bidder should have a service centre in H.P. or Chandigarh or Delhi, proof of document be attached. In case of any complaint about the product/services same should be attended within 24-48 hours by the bidder. The bidder must furnish documentary proof to this effect.
- 2.7. Product should comply: DPIIT Rule 144(xi) of the GFR 2017.
- 2.8. Original Data sheet should be attached with documents.
- 2.9. Proper compliance statement & Technical offer should be submitted with bid.
- 2.10. Qualified bidder will execute 2 village Traverse & 100 parcels detailed survey work in each village with post processed data with the same model which has been quoted in bid as a test check to verify the accuracy for demo/satisfaction of buyers at tenders own cost in the presence of buyers or their nominated team for the purpose on/at the site to be selected by buyer with better accuracy and no error. Non suitability of the machine as per requirement of buyer will be sufficient ground for rejection. **The final purchase order/supply order will be issued only after due satisfaction.**
- 2.11. Onsite training of 10 days at Four locations at tenderer's cost.
- 2.12. The successful bidder will provide service manual, SOP/User manual, installation manual clearly showing the complete operation of survey and traverse work along with data sheet of machine specifications.
- 2.13. Preliminary inspection of the stores of the successful bidder will be carried out by the supplier/bidder at the factory before dispatch. The final joint inspection will be carried out at by the consignee at the consignee's site after receipt of the consignment. In case of defective supply due to latent manufacturing defects, the same must be removed and replaced at the supplier's cost. All the expenses come by the indenters, due to this reason are to be met by the supplier.

- 2.14.** The bidder shall furnish details of supplies made in the last 2 years to the different organizations in India along with the User's certificate regarding satisfactory functioning of the equipment/instrument. It should have sold same or similar instruments for 3 crores for last two years in the country (submit documentary evidence).
- 2.15.** Bidder should attach documents duly signed by bidder, for such spare parts and tools as are absolutely essential for proper maintenance and operation of machine for a period of 10 years (In case of electronic and optical spare part) and 5 years ( In case of Electronic and Mechanical spare parts) giving full particulars of the spare parts and tools with the price of each spare parts and tools separately.
- 2.16.** Bidder should confirm that his/her firm has adequate servicing and spare parts facilities in India in respect of the equipment/instrument tendered for by you or that you will arrange to provide such facilities simultaneously with the supply of the equipment/instrument. In addition to this the bidder should also confirm the following:
- (a) that necessary maintenance of equipment/instrument and spare parts will be made available for 10 years.
  - (b) that if bidder/OEM firm goes out of production/supply of spare parts then bidder will give adequate advance notice to the purchaser and will make up the losses to the purchaser due to above reason.
  - (c) that if bidder/OEM firm goes out of production of spare parts, then bidder will make available blue prints, drawings of the spare parts and specifications of materials at no cost to the purchaser, when required in connection with the equipment/instrument, to enable the purchaser to fabricate or procure spare parts from other sources.
- 2.17.** The Bidder should submit valid ISO 9001:2015 certificate.
- 2.18.** The Bidder shall provide minimum of five years or as indicated by the Original Equipment Manufacturer/ authorised supplier/ Dealer/ Distributer, whichever is higher, onsite warranty for the ETS machines and equipment etc. to be supplied under this tender agreement. The undertaking to this effect be submitted as per annexure-E.

- 2.19.** The bidder should be registered with the Service tax Deptt. and should have a valid regular GST No.(not under composition scheme) and also have a valid PAN from IT Deptt.
- 2.20.** The Bidder must have experience certificate of similar nature of work/work order of aggregate amount of Rs.3.00 crore from any Govt./Semi-Govt./PSU/ corporate sector in the last 3 years (i.e. 2020-21, 2022-22, 2022-23) duly supported by proof thereof.
- 2.21.** Bidder must submit average Turnover certificate for the last 3 years (i.e. 2020-21, 2022-22, 2022-23) and duly certified by CA, in case of Original Equipment Manufacturer it must have minimum Rs. 10.00 crore turnover and in case of authorised dealer/supplier it must be Rs.5.00 crore.
- 2.22.** Bidder must submit IT returns for the last 3 years (ie. 2020-21, 2021-22, 2022-23). For new unit (i.e. started business after 2021-21) bidder must submit the IT returns only for the those years for which they have filled their IT returns.
- 2.23.** CERTIFICATION AND TESTING: Bidder should have necessary approval (Type approval) and calibration from NABL/ILAC/Govt. Laboratory/OEM Laboratory for the ETS machines as per requirement.
- 2.24.** The detailed specification and brand name, ISI/ISO/BIS etc specifications wherever required be given by the party/bidder while offering rates of the ETS machines as per Technical Specification.
- 2.25.** Firms/parties should not be blacklisted by any Govt. department/Boards/ Corporations there in the form and an undertaking to this effect should be submitted.
- 2.26.** The supplier/bidder shall furnish Certificate of Quality Control (Analysis Report/Test or Laboratory Report) of the product(s) on its own costs & when required by the ultimate customer/ purchaser from independent agency or any other agency approved/accredited by the State or Central Govt. that the product is uniform in price, size & colour, material used as per the specification(s). The supplier will provide free of cost facilities to the inspecting agency, in case it is desired by the purchaser, for taking samples.

## TECHNICAL SPECIFICATION

Sr. No.	Specification	Specification Name	Specifications & Features	Remarks
1.	ANGULAR MEASUREMENT	Angle Measurement Accuracy	1" or better	
		Display Resolution/Least Count	0.1, 0.05 or better	
		Compensation	Dual Axis or better	
		Compensator range	$\pm 4'$ or better	
2.	DISTANCE MEASUREMENT	Distance Measurement with Reflector Prism with Single Prism	3000 m or better	
		Distance Measurement without Reflector Prism	500 m or better	
		Typical Measurement time	(0.1-2) Sec. Or better	
		Distance Accuracy with prism	$\pm(1\text{mm}+1.5\text{ppm})$ or better	
		Distance Accuracy without Prism	$\pm (2\text{mm}+2\text{ppm})$ or better	
3.	TELESCOPE	Resolving power	(0.0-3.0)'	
		Minimum Focus Distance	(0.0-1)m	
		Magnification	30x	
4.	PLUMMET	Plummet Type	Class II Laser or Optical based	
5.	DATA STORAGE	Data storage-Internal Memory	2GB Flash Memory	
		SD Card/USB Stick	16 GB or Higher	
6.	DISPLAY & KEYBOARD	Alphanumeric Keyboard and Touch screen colour Display on both sides	Yes	
		Display Features (Onboard Program)	Colour graphic screen, Capability of displaying points with details, lines or polygons, Day light	

			<p>readable , direct and low sunlight readability, Zoom and Pan Facility, Display Illumination, QVGA/VGA display, Traverse, Cogo, Reference Line/Arc, Two point offset, should support all functions of Traverse, detailed survey &amp; CAD file, DXF, DWG, XML and CSV in background, Survey projection support Grid, UTM coordinates &amp; work with grid coordinate by scale factor, Remote Heights, Stakeout, Compatibility for downloading and processing 2D and 3D data, Data compatibility to GIS, Traverse adjustment and report generation.</p>
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7.	SOFTWARE CHARACTERISTICS	Operating System	Window CE 7 or better	
		Processor	Dual core 800 MHz or better	
		RAM	512 MB or better	
		Auto Power-Off Option	Yes or No	
8.	PHYSICAL CHARACTERISTICS	Display Rating /Ingress Protection	IP66 or better	
		Guide light/Laser Pointer	Yes	
		Manual or Auto corrected Temperature	Yes	
9..	OPERATING CONDITIONS	Minimum Operating Temperature	-20* C or better	
		Minimum Focus Distance	50* C or better	
		Non-Condensing Humidity (Rh) (%)	95 or better	
10.	POWER SUPPLY	Chemistry of Rechargeable Battery (internal)	Li-ion	
		Battery Operating time (Backup Time)	12 hrs. Or better	
11.	INTERFACES	Port & Wireless Communication	RS232, USB, Bluetooth, WLAN/Wi-Fi	
12.	ASSESSORIES	Accessories with 1 ETS	Good quality of 16 GB SD Card/USB Pen Drive with card reader, heavy duty Tripod with cover, 2 no's batteries with dual slot charger/ double charger, Tribach, 2 no.s Prism with reflector plate, 2 no.s mini prism with rod, good quality of 2 no.s	



			adjustable Range pole, good quality of 2 no's Bipod Data download cable, Toolkit for ETS & Tripod, good quality of Rain cover & Bag for ETS, Survey Umbrella etc.	
13.	CERTIFICATION AND TESTING	Type approval and calibration NABL/ILAC/Govt. Laboratory/OEM Laboratory	Yes	
14.	WARRANTY with 1 ETS		5 years or more	