

**REGD**  
From

**SUPPLY ORDER**

The Director General, Supplies & Disposals, Haryana,  
S.C.O. No. 09 (1<sup>st</sup> & 2<sup>nd</sup> Floors), Sector-16, Panchkula.  
Tel. Nos. 0172-2570121-124.  
Fax No. 0172-2570121, E-mail: [supplies@hry.nic.in](mailto:supplies@hry.nic.in)

To

**M/s Atmaram Sharma and Sons**  
D4 Industrial Estate, Ramnagar, Roorkee-247667 (Uttarakhand)  
E-mail: [atmainstruments@gmail.com](mailto:atmainstruments@gmail.com), Moblie-9917384610

Memo No. 117/HR/E-1/2023-24/  
Dated Panchkula, the :-

**Subject:- Purchase of various types of Workshop Machinery and Equipments, required by The Director General, Technical Education Department, Haryana.**

With reference to your offer No. 1127702 and your letter No. Nil dated 01.07.2025, this office acceptance letter No. 7095 dated 29.07.2025 & your letter No. ARS/HR/2025-26/178 dated 14.08.2025, on the subject noted above.

2. Please supply as given below from the date of issue of supply order the following material under the terms and conditions already accepted by you in the tender to the Consignee to be intimated by the Technical Education Department, Haryana, Sector-4, Panchkula.

3. The material may please be sent directly to the consignees to be intimated by the Technical Education Department, Haryana, Sector-4, Panchkula to you and for payment, the bill of the cost in triplicate be sent to the consignees for payment under advice to the this office.

Sr. No.	Description of Store	Qty. (In Nos.)	Rates in Rs. per machine, inclusive of all GST/Taxes, Freight, consignee stores FOR etc
1.	Electronics Total Station	06	4,84,980 (with 5 years warranty)
2.	Marshall Stability Test Apparatus	01	1,40,000 (with 5 years warranty)
3.	Digital Concrete Test Hammer with Microprocessor (Rebound Hammer)	03	86,500 (with 5 years warranty)
4.	California Bearing Ratio (CBR) Testing Apparatus	05	1,40,000 (with 5 years warranty)
5.	Unconfined Compression Testing Machine	03	1,40,000 (with 5 years warranty)

# DETAILED TECHNICAL SPECIFICATIONS

S. No		Name of Apparatus / Equipment		Specifications of Apparatus / Equipment	
1		Electronics Total Station		Specifications required	
		Components	Operations		
		Telescope	Magnification	30x	
			Image	Erect	
			Field of View	1°20' minimum	
			Resolving Power	3° or better	
			Minimum Focusing Distance	1.5m	
		Angle Measurement	Standard Deviation for Horizontal & Vertical Angle	1" or better	
			Least Count	0.1"	
		Compensator	Type:	Electronic Dual Axis or better	
			Range:	+/- 3.0' +/- 1" or better	
		Distance Measurement	Reflector with prism -3.0 Km or more Reflector without Prism: 500 m or more		
		Plummet for Centering	Centering Device	Laser/Optical Plummet with accuracy of 1 mm	
		Data Storage	Internal Memory: 2GB or More		
			External Memory: USB flash memory (max. 32GB) or more for Data storage		
		On Board Software	Windows CE based GUI should have on board programs for orientation & Surveying, Height transfer, tie distance, Remote Height, Offset Stake out, area & Volume calculation, area subdivision, visible layout map, traverse and its adjustments, feature coding, should display the point, lines or polygon surveyed in the field, should support active background map as well as provide direct output as DXF file.		
		Battery	(a) Type	Lithium ion with provision for external battery for 15 Hrs or more	
			(b) Operating time		
		Communication Port	Should have USB 3.0 Slot up to 8GB storage: 1 Serial (RS232) Port and Bluetooth Class 1 with range 200 m or better		
		GPS Compatibility	Should be able to directly interchange data between GPS and Total Station using pen drive/CF card		



		Display and Keyboard	Display on both faces (may or may not be identical) colour graphical and sun readable, touch screen and at least one side alphanumeric hard keyboard. Should be colour VGA/QVGA, TFT LCD, backlit large display will be prepared. It should support active DXF/ image maps as background files
		Environmental Specifications	Working Temperature Range -20°C to +50°C or better
		Weight	Weight (including battery and tribrach) Less than 6.2 Kg
		Dust/Water Rating	IP65 or better
		Security	Should have facility of central control in case of theft and get location of machine when switched on.
		Accessories with each total station	i. Universal telescope tripod stand = 1 No.
			ii. Telescopic pole for prism = 1 No.
			iii. Single prism with holder and target plate = 1 Nos
			iv. Data transfer cable = 1 No.
			v. Internal Battery charger = 1 No.
			vi. Tribrach without optical plummet = 1 No.
			vii. Internal Battery = 2 Nos.
			viii. Traverse Kit along with protective Boxes
		The instrument should be complete in all respects and all the accessories should be of same (instrument) make only.	
2.	Marshall Stability test apparatus	Digital display Marshall Stability Testing Machine Complies with following International Standards ASTM D6927, ASTM D1559 Application Equipment used for to measure the resistance to plastic flow of cylindrical specimens of bituminous mixture loaded on the lateral surface Marshall Stability Test Apparatus should have the following parts & accessories: - <ul style="list-style-type: none"> <li>• Three specimen moulds, cylindrical 100mm diameter</li> <li>• Three base plates</li> <li>• Three collars</li> <li>• Two compaction hammers 4.5 kg weight and 47.7cm drop / fall</li> <li>• One specimen extractor</li> <li>• One compaction pedestal complete with specimen holder</li> <li>• One breaking head assembly, complete with gauge disc and flow meter pedestal to test 100mm specimen</li> <li>• One loading transfer bar</li> <li>• 50 KN capacity Loading unit motorized with uniform vertical movement of 5.08 cm/min. Suitable for operation on 230 Volts, 50 Hz, AC supply. With limit switch to restrict over travel complete with electronic kit with following descriptions: -</li> </ul> 3-Channel Data logger cum indicator with inbuilt storage all Channel data, Display 20x4 alpha numeric LCD - 1 no LVDT, Range 0- 25mm, Resolution 0.01 mm- 1 nos S Type Load Cell 50 KN, Resolution 0.01KN, - 1 nos Live Data logging software directly in excel format of all channel's data with date and time, PC Interface through USB. Facility to data logging externally thorough pen Drive	

3.	Digital Concrete test Hammer with microprocessor or (Rebound Hammer)	<p>Digital Concrete Test Hammer with microprocessor: -  Standard: - Conforming to IS 13311 - 1992(Part 2), EN 1205, ASTM C 805, Automatic  Conversion of rebound index to equivalent</p> <ul style="list-style-type: none"> <li>• Compression strength in psi, N/mm<sup>2</sup>, Kg/cm<sup>2</sup></li> <li>• Measuring range - 10-120 N/mm<sup>2</sup></li> <li>• Impact Energy - 2.207 Nm</li> <li>• Memory storage: 240 standard components or more than 76,000 measuring points and related parameter data</li> <li>• Display screen: 256*64 (dot matrix), high-light OLED blue-ray display screen</li> <li>• Online communication rate: 115.2 kbps</li> <li>• Battery Power: 3.8V lithium battery, 2300mAh</li> <li>• Elastic tension spring stiffness: 785±30 N/m</li> <li>• Impact length of bounce hammer: 75±0.3 mm</li> <li>• Anvil rate setting: 80±2</li> <li>• Consistency of sampling indication: ≤±1</li> <li>• Interface - USB</li> </ul> <p>To be Supplied with data transfer software, data transfer USB cable, battery charger, abrasion stone, carrying case</p>
4.	California Bearing Ratio (CBR) Testing Apparatus	<p>Digital Laboratory California Bearing Ratio Test Apparatus to be used for the testing of bituminous material confirming to IS:2720-XVI</p> <ul style="list-style-type: none"> <li>• With digital display and data acquisition system for plotting data etc. compatible to the computer analysis.</li> <li>• Load Frame (50 kN capacity) along with motorised and the gear system provide with three different rates of strain 1.25 mm/min., 1.5 mm/min. and 2.5 mm/min</li> <li>• CBR mould 150 mm inner dia x 175 mm high with clamping lugs. Extension collar 150 mm inner dia x 50 mm high and perforated base plate, all made of mild steel complete with stay rods. Cutting collar to fit the above mould, made of steel.</li> <li>• Perforated swell plate 148 mm dia. with adjustable stem and lock nut, made of brass.</li> <li>• Spacer disc 148 mm dia x 47.7 mm high complete with handle (metallic ring) made of mild steel. Metal tripod, aluminum.</li> <li>• Penetration piston assembly complete with penetration plunger 50 mm dia and bracket, all made of mild steel.</li> <li>• One surcharge weight 2.5 kg. annular.</li> <li>• One surcharge weight 2.5 kg. slotted.</li> </ul> <p><b>Electronic system: -</b>  Microprocessor based touch panel digital display with sensors:</p> <ul style="list-style-type: none"> <li>• Load Cell - 50 kN</li> <li>• L.V.D.T - ± 20 mm</li> </ul> <p>To be supplied complete software but without Computer and printer</p>
5.	Unconfined Compression Testing Machine	<p>Unconfined testing machine with digital unit should perform the testing of soil samples as per IS 2720 (part X) and Rubber sheath.</p> <ul style="list-style-type: none"> <li>• The loading unit is motorised and the gear system provides three different rates of strain 1.25 mm, 1.5 mm and 2.5 mm/min.</li> <li>• Set of upper and lower platens, 150 mm dia.</li> <li>• Cone Seating - 2 Nos.</li> </ul> <p><b>Electronic system:-</b></p> <ul style="list-style-type: none"> <li>• Microprocessor based touch Panel Digital Display with sensors.</li> <li>• Sensors:-  Load Cell - 10 kN  L.V.D.T - + 20 mm</li> </ul>



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1. **F.O.R. :-** The above rates are FOR destination basis anywhere in Haryana at supplier's risk.
  2. **GST :-** Inclusive in above rates.
  3. **Freight Charges :-** Inclusive in above rates.
  4. **Delivery Period:-** Within 90 days from the date of successful inspection after supply order. The failure to supply within stipulated delivery period may tender to forfeiture of Earnest Money/ Security Deposit and other penal action as per terms and conditions of contract.
  5. **Payment:-** 80% payment will be released within 45 days after physical delivery of inspected/ accepted goods in physically good condition at consignee destination. Remaining 20% will be released after satisfactory installation/ working of the machine/ demo at the consignee destination. **The Indenting Departments would have option to release payments in RTGS/ Electronics mode also.**

Delay in payments to the suppliers beyond the stipulated credit period indicated in the supply order, unless supported by cogent reasons and approved by a higher authority, will attract penal interest on the defaulting amount @ Rs.25/- per rupees one lakh per day of delay beyond the stipulated credit period. Non provision of adequate budget will be no ground for delay in payments to the supplier.

6. **Warranty Period:-** All the machines/ equipment's will be warranted for Five years from the date it has been made operational at the consignee location. Performance guarantee shall be released after the completion of performance guarantee period.
7. **Complaint attending mechanism:** In case of any complaint in the working of the machines during the warranty period, the firm shall attend the same within 72 hours from the time of logging of first complaint call by the consignee and the machines must be repaired within 15 days thereafter. The complaints would be logged by the Department officers by email/ fax in order to keep the proper delivery records. Further in case of failure to do so, penalty @ Rs. 1000/- per day per machine will be applicable. If equipment is not repaired within 30 days without any justified reasons, the department/ institute shall be at liberty to repair the same from local market at the cost of the tendering firm to be recovered from the performance guarantee.

8. **Inspection:-** The indenting department will inspect the material twice. First inspection will be done for one sample of each item and second inspection will be carried out for all the items before dispatch of the material. The inspection committee will also sign on each of the items during the inspection before the dispatch of material by the supplier. Thereafter, the consignee will also ensure the quantity received in their institution. The warranty of the material will be three years and the billing should be from Haryana. The inspection will be conducted at the premises of Manufacturer before affecting the supplies.

Only 02 inspections will be allowed, in case, the material offered for inspection by the firm fails to meet the specifications as per the NIT/Order/ Contract and the samples are rejected by the inspecting Committee, the Indenting Department will have the right to take penal action including forfeiture of EMD, risk purchase, debarring/ blacklisting in future etc. and no further opportunity for inspection would be provide to the supplier firm.

In case, the material offered for inspection by the firm fails to meet the specifications stipulated in NIT/Order/Contract and the samples are rejected by the inspecting Committee, the indenting Department will have the right to levy a penalty at 0.1% of the total order value. In case, the material offered for inspection fails during the 2nd inspection also, the Indenting Department will have the right to increase the penalty to 0.25% of the total order value. In case, the material offered fails during the 3rd and final inspection also, the firm will be liable for penal action including forfeiture of EMD, risk purchase, debarring/ blacklisting in future, and no further opportunity for inspection would be provided to the supplier firm.

9. **PENALTY CLAUSE :-** Penalty to firm on Delay in delivery: If the contractor fail to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch stipulated in the supply order, the delayed consignment will be subject to 2% penalty per consignment per month recoverable on the value of the stores supplied. The other details will be as per provision contained in Sr. No. 14 of "Schedule-'B' Condition of Contract".
10. **PRICE FALL CLAUSE :-** The price charged for the stores shall not exceed in any way the lowest price at which you quote/supply the stores of identical description of stores to State Govt./Central Govt./Institutions/ undertaking/ GeM any other person during the delivery period/ currency period of the rate contracts. If at any time during the delivery/currency period, you reduce the rate, sale price of quoted stores to any person at the price lower than the price



chargeable under this supply order/contract, you are required to inform this office and price payable under the supply order/contract for the stores supplied after the date of coming into force of such reduction of rates shall stand correspondingly reduced to that level. You shall promptly notify the reduction of rates to this office as well as to concerned Indenting Officers/ Consignees. You shall also give a certificate on your bills that the rates charged by you are not in any way higher to these quoted to the GeM, New Delhi and other State Govt. Central Govt. Institutions etc. during the corresponding period. The Indenting Officer shall be required to ensure that requisite certificate is given by the concerned firm on the bills before releasing their payments. Full benefit due to reduction in GeM rate contract or Net Dealer Price during the period of rate contract/ supply will be passed on to the consignee in addition.

11. Failure the effect supply within the stipulated delivery period or repeatedly offering supply liable for rejection may render to forfeiture of Earnest Money/ Security and other penal action as per terms & conditions of the contract will also be taken.

12. SCHEDULE "B":- One copy of the Schedule "B" i.e. conditions of contract applicable is sent herewith duly signed on behalf of Governor of Haryana.

Other terms & conditions will be as per NIT(Schedule-A/Schedule-B) attached

Encls.a/a

Joint Director,  
Supplies & Disposals, Haryana,  
For & On behalf of Governor of Haryana.  
Dated :

Endst.No. 117/HR/E-1/2023-2024/

A copy of the above is forwarded to The Director General, Technical Education Haryana, Bays No. 7-12, Sector-4, Panchkula for information and necessary action. Payment may please made to the supplier strictly as per approved payment terms.

He is also requested to issue consignee wise dispatch instructions direct to the firm immediately under intimation to this office.

Joint Director,

For Director General, Supplies & Disposals, Haryana.

Endst.No. 117/HR/E-1/2023-2024/ 12/5

Dated : 12/9/25

A copy is forwarded to the following for information and necessary action:-

1. The Accountant General (Audit) Haryana, Sector-33, Chandigarh.
2. The Excise & Taxation Commissioner, Ambala Cantt.
3. St. Section.
4. Programmer O/o DGS&D, Haryana.

Joint Director,

For Director General, Supplies & Disposals, Haryana.