

**BIHAR POLICE BUILDINGS CONSTRUCTIONS CORPORATION**

B.M.P. – Campus, Kautilya Nagar, Patna-14,

www.bpbcc.co.in. Phone no.– 0612-2223727, Fax No. - 2224529

**NOTICE INVITING QUOTATION – 04/2024-25**

The Chief Engineer Bihar Police Building Construction Corporation, Kautilya Nagar Patna-14 invites sealed quotations from reputed manufacturers or suppliers for the following Equipment related to the Quality Control Lab as per the specifications mentioned below:

Sl. No.	ITEM	QUANTITY
1	2	3
1	TOTAL STATION	08
2	Rebound Hammer	08
3	Slump Cone	01
4	Digital Compression Testing Machine Capable of giving Graphical Result	01
5	Sieve shaker	01
6	Sieve	01
7	Digital Oven	01
8	Concrete Mixture Machine	01
9	Mould	06
10	Plate Heater	01

Interested parties may submit their quotations along with the following details:

1. Detailed product specification with the brand name and make
2. Price quote inclusive of all taxes and duties
3. Delivery period
4. Payment terms and conditions
5. Warranty and after-sales service for minimum two year
6. Company profile with relevant experience and references.

Quotations must be submitted in a sealed envelope marked with the words "Quotation for Lab Equipment for BPBCC. The envelope should be addressed to:

The Chief Engineer, Bihar Police Building Construction Corporation, Kautilya Nagar, Patna-14, Bihar

The last date for submission of quotations is 30/10/2024.

Quotations received after the due date and time will not be considered.

इस निविदा की अन्य विस्तृत जानकारी एवं आवश्यक शर्तें अधोहस्ताक्षरी के कार्यालय के सूचना पट एवं वेबसाइट

[www.bpbcc.bihar.gov.in](http://www.bpbcc.bihar.gov.in) पर देखा जा सकता है।

Sd/-  
Chief Engineer,  
Bihar Police Building Construction Corporation.

*[Handwritten signature]*

बिहार पुलिस भवन निर्माण निगम,  
कौटिल्य नगर, पटना-14.

NOTICE INVITING QUOTATION

The Chief Engineer Bihar Police Building Construction Corporation, Kautilya Nagar Patna-14 invites sealed quotations from reputed manufacturers or suppliers for the following Equipment related to the Quality Control Lab as per the specifications mentioned below:

Sl. No	ITEM	SPECIFICATIONS	
1	2	3	4
1.	TOTAL STATION (8 No.)	Angular Measurement	
		Accuracy Hz and V	Absolute, Continuous - upto 5"
			<ul style="list-style-type: none"> <li>• Display resolution: 1" (0.1 mgon )</li> <li>• Dual Axis compensation with Hz collimation and V index correction</li> <li>• Compensator range: +/- 8'</li> <li>• Longitudinal level sensitivity: 2'/2 mm</li> </ul>
		Distance Measurement	
		Range	<ul style="list-style-type: none"> <li>• Prism : 3,000m</li> <li>• Non-Prism: up to 500 M<sup>2</sup></li> </ul>
		Accuracy	<ul style="list-style-type: none"> <li>• Single prism: 2 mm + 2 ppm</li> <li>• Non-Prism: 3 mm + 2 ppm<sup>3</sup></li> </ul>
		Measurement time	Prism mode <ul style="list-style-type: none"> <li>• Standard: 1.5 s</li> <li>• Quick: 1.1 s</li> <li>• Tracking: 0.15 s</li> </ul> Non-prism mode <ul style="list-style-type: none"> <li>• Standard: 1.4 s</li> <li>• Quick: 1.1 s</li> </ul> Display resolution: 0.1 mm
		Laser dot size	<ul style="list-style-type: none"> <li>• At 50 m: 12 mm x 24 mm</li> </ul>
		Telescope	<ul style="list-style-type: none"> <li>• Magnification: 28x</li> <li>• Focusing range: 1.5 m/4.92 ft to infinity</li> <li>• Field of view : 1°30' / 1.66 gon</li> <li>• Field width at 100 m : 2.8 m</li> <li>• Adjustable reticule illumination</li> </ul>
		GENERAL	
		Display and keyboard	240 x 128 px, grayscale, 28 keys display background light, face 1

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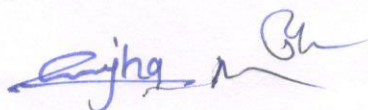
		Operation	<ul style="list-style-type: none"> <li>• Coarse and fine drive for HZ &amp; V</li> <li>• Operating system: Free RT/OS</li> <li>• Shortcut keys</li> </ul>
		Power management	Exchangeable Lithium-Ion battery <ul style="list-style-type: none"> <li>• High Battery back up up to 24 Hr</li> </ul>
		Data storage	<ul style="list-style-type: none"> <li>• Internal memory: 50,000 points</li> <li>• USB memory device for data transfer</li> </ul>
		Interfaces	USB
		Laser Plummet (Laser Class 2)	Accuracy
			<ul style="list-style-type: none"> <li>• Plumb line deviation: 1.5 mm at 1.5 m instrument height</li> <li>• Diameter of laser point: 2.5 mm at 1.5 m instrument height</li> </ul>
		Weight	With battery and tribrach < 7 kg
		Environmental specifications	<ul style="list-style-type: none"> <li>• Working temperature range:- -10°C to + 60°C</li> <li>• Dust / Water (IEC 60529) / IP55</li> <li>• Storage Temperature Range :- -20°C to + 60°C</li> </ul>
2.	Rebound Hammer (08 No.)		<ol style="list-style-type: none"> <li>1. <b>Accuracy:</b> within <math>\pm 1-2\%</math> of the actual compressive strength.</li> <li>2. <b>Digital display:</b> should have a digital display that shows the rebound value and corresponding compressive strength in real-time.</li> <li>3. <b>Ergonomic design:</b> The rebound hammer should be designed with ergonomics in mind, with a comfortable grip and easy-to-use controls.</li> <li>4. <b>Lightweight and portable:</b> The rebound hammer should be lightweight and portable .</li> <li>5. <b>Robust construction:</b> The rebound hammer should be made of high-quality materials and designed to withstand heavy use and harsh environments</li> <li>6. <b>Data storage:</b> The rebound hammer should have the ability to store 1000 readings and retrieve test results .</li> <li>7. <b>Compatibility with software:</b> The rebound hammer should be compatible with software that allows for data analysis and reporting.</li> <li>8. <b>Warranty:</b> The machine should come with a warranty that provides coverage for any defects or malfunctions that may occur. The warranty period should be at least one year</li> </ol>
3.	Slump Cone (01 No.)		Slump cone with handles made of mild steel sheet, a chrome plated steel tamping rod of 16 mm diameter X 600 mm long, rounded off at one end, with a scale marked on it and a steel base plate with a carrying handle.
4.	Digital Compression Testing Machine Capable of giving Graphical Result (One No.)		<ol style="list-style-type: none"> <li>1. <b>Load capacity:</b> 2000 KN.</li> <li>2. <b>Accuracy:</b> The machine should be accurate to within <math>\pm 1\%</math> of the indicated load or better.</li> <li>3. <b>Digital display:</b> The machine should have a digital display that shows the load and deformation values in real-time.</li> <li>4. <b>Speed control:</b> The machine should have a speed control feature that allows for precise control of the loading rate.</li> <li>5. <b>Safety features:</b> The machine should have safety features such as overload protection, emergency stop button, and safety guards .</li> <li>6. <b>Durability:</b> The machine should be made of high-quality materials and designed to withstand heavy use and harsh environments.</li> </ol>

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		<p>7. <b>Compliance:</b> The machine should comply with relevant international standards such as ASTM, BS, and ISO to ensure that the test results are recognized and accepted globally.</p> <p>8. <b>Warranty:</b> The machine should come with a warranty that provides coverage for any defects or malfunctions that may occur. The warranty period should be at least two year.</p>
5.	Sieve shaker (One No.)	Sieve Shaker, Motorized, with Built-in Digital Timer for 20-30 cm dia sieve .
6.	Sieve (One No.)	Brass Sieve Dia 20 cm of size 4.75mm , 2.36 mm , 2.00 mm , 1.18 mm, 1.00 mm, 600 micron , 500 micron , 300 , micron, 150 micron, 106 micron , 90 micron , 75 micron .
7.	Digital Oven (One No.)	<ol style="list-style-type: none"> <li>1. <b>Temperature Range :</b> 50-250 °C.</li> <li>2. <b>Temperature Accuracy :</b> ±1 °C.</li> <li>3. <b>Temperature Controller:</b> Thermostatic Controller</li> <li>4. <b>Capacity :</b> 105 L</li> <li>5. <b>Voltage :</b> 220-230 V</li> <li>6. <b>Size :</b> 455x455x605 mm</li> <li>7. <b>Type of Product :</b> Hot Air Oven</li> <li>8. <b>Usage For :</b> To generate heat with blower assisted air re-circulation</li> <li>9. <b>Inner Chamber :</b> Stainless Steel 304</li> <li>10. <b>Design :</b> Memmert Type</li> <li>11. <b>Wall Type :</b> Double Wall</li> <li>12. <b>Outer Chamber :</b> Mild Steel Powder Coated</li> </ol>
8.	Concrete Mixture Machine (One No.)	<ol style="list-style-type: none"> <li>1. <b>Capacity :</b> Half Bag</li> <li>2. <b>Type of Product :</b> Mixture with Engine and Motors</li> <li>3. <b>Type :</b> Movabale/ Mobile</li> <li>4. <b>Automation Grage :</b> Semi Automatic</li> </ol>
9.	Mould (Six No.)	<ol style="list-style-type: none"> <li>1. <b>Size :</b> 150x150x150 mm</li> <li>2. <b>Size :</b> 70.6x70.6x70.6 mm</li> <li>3. <b>Material :</b> Cast Steel</li> </ol>
10.	Plate Heater (One No.)	<ol style="list-style-type: none"> <li>1. <b>Description:</b> Electric hot plate for lab, Product dimension:- 500x250 mm (Rectangular Body made of G.I sheets powder and top plate made of M.S iron.), Temp:- upto 250°C fitted with energy regulator or thermostatic control or 3 heat control switch of 1.5 kw.</li> </ol>

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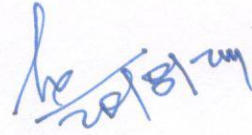
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Contact No.-9471006801

