



भारतीय प्रौद्योगिकी संस्थान रोपड़  
INDIAN INSTITUTE OF TECHNOLOGY ROPAR  
रूपनगर, पंजाब-140001 / Rupnagar, Punjab-140001  
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No. IITRPR/EE/Q/2022/222

Date: 20.05.2022

**NOTICE INVITING QUOTATION**

The Executive Engineer, IIT Ropar for and on behalf of the Director, IIT Ropar invites item rate quotation in the attached format from the bonafide agencies and eligible registered contractors of CPWD/ PWD B&R/ MES/ PUDA/Railway/BSNL, Central/State Government and specialized agency having experience of work for the following work at permanent campus of IIT Ropar.

S. No.	Name of Work	Estimated Cost (in Rs.)	EMD (in Rs.)	Time Period
1	Providing and fixing of second layer of minimum 16mm thick polished Granite stone on already fixed granite on concrete slab in Room no. 003 & 004 of CRF building. Both the rooms have raised access floors except for the platform which is approx 20mm down where Granite stone slab is to be fixed. The details are given in the attached Format A.	83732/-	1675/-	10 Days

**1. ELIGIBILITY CRITERIA:-**

**i. Contractor who fulfill the following requirements shall be eligible to apply:-**

- a) Should have completed the works during last seven years ending on previous day of last day of submission of quotation out of which at least one should have been executed in Government Departments as mentioned below :
- 3 (three) Similar Works\* each of value not less than 40% of the estimated cost put to quotation.  
OR  
2(two) Similar Works\* each of value not less than 60% of the estimated cost put to quotation.  
OR  
1(one) Similar Works\* of value not less than 80% of the estimated cost put to quotation.

**\*Similar Works** means "Civil Works"

- b) Enlistment contractors of appropriate class in Central & State Government and Organization.  
c) Joint Ventures are not accepted.

**ii. Documents to be submitted with the Quotation:**

- a) Demand Draft of EMD in favor of " IIT Ropar Revenue Account" Payable at Ropar/Rupnagar.  
b) Enlistment order of the contractor/ Registration of firm/ Specialization certificate.  
c) Required experience/ completion certificate of work.  
d) GST Registration.  
e) Signature on all pages.

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- f) PAN registration with the Income Tax Department.
- g) Price quoted in the Prescribed Format "A". Signed and stamped.
- h) Signature & stamp.

Envelope of sealed quotation should superscribe the Name of work, date & opening of quotation.

2. The Quotation must be submitted in the Tender box placed in Works and Estate Section, Second floor, East Wing M. Visvesvaraya Block, Permanent Campus, IIT Ropar- 140001 on or before 27.05.2022 upto 3:00 PM & shall be opened on the same day at 3.30 PM in the presence of bidders or their representatives, who may like to be present .
3. The quotations received through Email shall not be entertained.
4. Prices should be quoted in the prescribed Format "A". No advance payment will be made to the agency.
5. Conditional quotations shall be rejected.
6. Duration of work shall be 10 days from the issue of work order.
7. The quotation shall be valid for 30 days.
8. The rate quoted shall be inclusive of all taxes including Goods and Services Taxes (GST).
9. Nothing extra will be paid to the agency by the Institute.
10. The work can be terminated at any time without giving any reason and notice.
11. Debarred agency/ or individual shall not participate in the Quotation process.
12. Bidders may inspect the site of execution of work before submission of quotation to understand the scope of work in all respects. The drawings of the site are also attached.
13. The quantities of items in the schedule are tentative which may increase or decrease depending upon site conditions.
14. Security deposit @ 2.5% of the value of work done shall be deducted and released after satisfactory completion of defect liability period of one month from the date of completion of work.
15. Liquidated Damages: Compensation for delay of work with maximum rate @ 1% (one percent) per day of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor
16. The Director, IIT Ropar reserves the right to cancel any or all quotations without assigning any reason.
17. Enclosure : Format "A"
18. **Arbitration:** In the unfortunate situation if any and all disputes, disagreements and controversies arising in any manner, which cannot be settled by mutual agreement between the two parties, shall be resolved through arbitration. The number of arbitrators shall be ONE, shall be appointed by the Director, IIT Ropar. The decision of the sole arbitrator shall be final and binding to both parties. All provisions of Arbitration and Conciliation Act 1996 (with amendments) shall apply and the legal place of arbitration shall be Rupnagar, Punjab. The language of arbitration proceedings shall be English. The Court which has jurisdiction in the matter is District Court, Rupnagar, Punjab.

  
Executive Engineer  
IIT Ropar

**Format A**

S.no	Description	Unit	Quantity	Rate	Amount
1	<p>Providing and fixing Granite installation on Concrete platform in Room No 003 &amp; Room No 004 of CRF building.</p> <p>i. The First concrete platform (Room No 003, FESEM Lab) has dimensions [ 11'8" x 7'6"] and it has Trench all around which is filled by sand as shown in Fig-1. The size of required Granite should be such that it covers all area including trenches filled with sand. The center part (8' x 4'6") should be a single piece granite and rest space can be filled symmetrically by small pieces (not more than 6 pieces). The central granite should not touch any of the 6 pieces laid around the central granite and a gap of 5-6 mm should be there. The filled sand level is little less than the levels of nearby area. Following are the important points to note-</p> <p>(a) The granite should be Black in color without any crack on either side.  (b) Thickness of Granite should not be less than 16mm.  (c) Granite should be one side polished and rough on the other side.  (d) Before keeping the Granite on the existing marble, the existing marble should be made rough to make the bond stronger.  (e) Proper adhesive (like DWA 215) should be used to join the Granite with the existing granite fixed on concrete platform.  (f) After proper levelling the surface level of Granite should match with the false floor level of the room.  (g) Prior to fixing Granite, vendor has to lay Granite stone inside the trenches. The width of granite stone should be about 10 mm less than the width of the trench so that the left space can be filled with neoprene rubber sheet. The objective is to make central part of the platform isolated from rest of the part. This will help in reducing mechanical vibrations propagation across the cavity.  (h) The Granite should be laid such that all pieces are joined seamlessly and are <b>absolute horizontal</b>.  (i) All area around the platform should be cleaned properly, preferably using vacuum cleaner after completion of work.</p> <p>ii. Second Concrete Platform (Room No 004, TEM 120) has dimension [7.5" x 4"] Single Piece Granite should be put on the entire concrete platform as shown in Fig 2.</p> <p>Other requirements are as following-</p> <p>(a) The granite should be Black in color without any crack on either side.</p>				

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	(b) Thickness of Granite should not be less than 16mm. (c) Granite should be one side polished and rough on the other side. (d) Before keeping the Granite on the existing marble, the existing marble should be made rough to make the bond stronger. (e) Proper adhesive (like DWA 215) should be used to join the Granite with the existing granite. (f) After proper levelling the surface level of Granite should match with the false floor level of the room. (g) All area around the platform should be cleaned properly, preferably using vacuum cleaner after completion of the work. (h) Rates are inclusive of all taxes, transportation, octroi, loading and unloading etc. all complete and nothing shall be paid extra except as mentioned at item no. 2, if applicable. <b>Specifications of Neoprene Rubber Sheet are as follows:</b> <table><tr><th>SNo</th><th>Parameters</th><th>Acceptable value</th></tr><tr><td>1</td><td>Hardness Range</td><td>Shore A 45-80 or more</td></tr><tr><td>2</td><td>Tensile Strength</td><td>Upto 135 Kg/Cm2 or more</td></tr><tr><td>3</td><td>Elongation Strength</td><td>Upto 450% or more</td></tr><tr><td>4</td><td>Sheet Thickness</td><td>10 mm</td></tr></table>	SNo	Parameters	Acceptable value	1	Hardness Range	Shore A 45-80 or more	2	Tensile Strength	Upto 135 Kg/Cm2 or more	3	Elongation Strength	Upto 450% or more	4	Sheet Thickness	10 mm				
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4	Sheet Thickness	10 mm																		
	5 Neoprene Rubber Density	1.5 gm/cm3 or more																		
	6 Size of Neopren Rubber	7900 x 75 x 10 mm (Length x Width x Thickness)																		
	(a) Area of Slab up to 0.50 sqm.	sqm	2																	
	(b) Area of slab over 0.50 sqm	sqm	14																	
2	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC/Granite as per specifications and direction of Engineer-In-charge complete in all respect.																			
	(a) SBR Polymer( @10 % of cement weight) modified cementations bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	sqm	11																	
	(b)Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	sqm	8																	
3	Providing and fixing of Neoprene rubber of 10mm thickness as per directions of Engineer In-charge	kg	20																	
	Total Amount																			

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