



F.No: IIIT-D/BldgProj/Data Center /255/2017

Dated: 27.03.2018

**NOTICE INVITING QUOTATION**

Sealed item rate quotations are invited for the following work on behalf of the Director IIIT Delhi for **P/F antistatic false flooring works for server room**, so as to reach the office of the undersigned upto **3PM on 04.04.2018** in two envelopes to be opened on the same day at 3:30 PM, in the office of the CE, IIIT-D Campus, G.B.Pant Polytechnic extension, Okhla Phase-III New Delhi-110020 in presence of the intending bidders who so wish to attend .

**Name of the work :** Providing and fixing antistatic false flooring system for server room at IIITD Campus, Extension GB Pant Polytechnic, Okhla Phase III New Delhi.

**Location :** 1st Floor of Academic Block

**Estimated cost :** Rs 3,10,000/-

**Time of completion :** 1 Months

**Earnest Money Deposit:** Rs 6200 /- (Rupees Six Thousand Two Hundred only) is to be submitted with tender document as earnest money in favour of "IIIT Delhi Collections"

1. The works shall be carried out as per the relevant CPWD / BIS Standards and Terms and conditions, Specifications, BOQ and areas/locations as directed complete.
2. **Time Allowed:** 30 days from issue of work order.
3. The works shall be carried out as per the relevant CPWD / BIS Standards and attached Terms and conditions, Specifications, BOQ and drawing complete Clause 12 of GCC CPWD is applicable for EI/SI.
4. Contractor must visit site before quoting and fully satisfy himself of the site conditions.
5. Contractor must possess valid GST, Pan, TIN no.
6. No T&P shall be issued to the Contractor .The contractor shall be provided with electricity and water at one point ,he shall make his own arrangements for further distribution of electricity , water supply and all other labour ,tools, plant and equipment etc as required for the works complete. Any damage done to existing walls /ceiling /floors /electrical /fire alarm/ fighting/plumbing equipment /building during execution shall be on the part of the Contractor.
7. Eligibility Criteria: Reputed **manufacturers/ authorized dealer /interior contractors** who have carried out similar works in Govt Deptts/PSU/Reputed Pvt sector /MNCs three works each of value 40% of estimated cost or two works each of 60% of estimated cost or one work of 80% of estimated cost during last 5 years. The applications not supported with requisite experience certificates shall not be entertained.
8. The priced bill of quantities, all duly signed by the authorized signatory of the firms.
9. Payment shall be made as per actual quantities of executed works against Final bill.
10. Security Deposit / Retention money shall be Five percent (5%) of the value of executed works and will be deducted from each and every payment made to the contractor against running account bill submitted for the work done at site. 50% of retention money will be released along with the payments of final bill and balance 50% will remain with Employer until the Defects Liability period is successfully over.
11. Defect Liability period 12 months from date of completion.
12. Conditional offers will not be accepted. The offer shall remain valid for 30days.
13. IIIT-D reserves the right to accept or reject any tender in part or whole without assigning any reasons thereof.

CC: Registrar  
Director  
Notice Board



# INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

(A state university established by Govt. of NCT of Delhi)

Okhla, Phase III (Near Govind Puri Metro Station), New Delhi-110020, INDIA

Telephone: +91 11 26907563 Website: <http://www.iiitd.ac.in>

**Work – FALSE FLOORING** at Data Centre at Extension GB Pant Polytechnic, Okhla Phase III New Delhi

S.no	Item Description	Unit	Qty	Rate	Amount
1	P/F antistatic false flooring system for server room extension at IIIT Delhi, as per specifications mentioned below.	Sqft	425		
	GST				
	Total with GST				

## SPECIFICATIONS

**FALSE FLOOR:** The system should be of nominal 600mm x 600mm (35mm thick) modular panels with heavy-duty pedestals. The total system weight shall not exceed 40 kg/sq.m. **The system shall be able to withstand a UDL of 2000 kg/m<sup>2</sup>**

**(1117Kg/Sq.mt) and a point load of 450 kg/in<sup>2</sup>.**

**PANEL:** Panels shall be made of steel with an infill of lightweight, non-combustible **having fire resistance, thermal insulation, and flame resistance properties at 60 min** cementitious material. The bottom of the panel shall be embossed in hemispherical shape to give strength and flexural rigidity. The infill material shall not become loose when the panels are cut. **Panel should be able to withstand an ultimate load of at least 2.5 (3.00) times the designed point load.**

The entire panel shall be coated with epoxy powder coating of 75-100 microns on the exposed surface. **The panel top & bottom sheet shall be 0.9/0.7mm (0.7/0.6mm) resp. Flatness should be 0.2mm.** The panels shall have a top covering of anti-static high pressure laminate with resistance of  $2 \times 10^5 - 5 \times 10^8$  ohms. The HPL thickness shall not be less than 1.5mm.(1.6mm).

**PEDESTAL:** Pedestal base shall be square of 100mm x 100mm x 2mm bearing area and assemble to a tube of 22mm dia with 2mm wall thickness. The pedestal head should not be less than 3mm thick. **The pedestals should be able to accept an axial load of 22,500N and an ultimate load not less than 45,000N.** Pedestal head shall be galvanized die-cut steel welded to a counter locking leveling nut. The pedestal head shall be provided with PVC cap for acoustic dampening. Height of pedestal shall be approximate 300 mm for floor /150mm for steps.

**(STRINGER: Stringer shall be 20mm x 30mm x 1.5mm thick (25mm x 25mm x 1mm) galvanized steel hollow pipe capable of supporting a 205kg point load at the center of the stringer. Stringers shall be individual and rigidly fastened to the pedestals with 6.35mm (1/4") fasteners. )**

**Note:** The False Floor System shall be tested as per CISCA standards for Point Load, Uniform Load, Ultimate Load and Pedestal Axial Load. Test reports from an accredited laboratory to be furnished along with the quotation.



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### SCHEDULE OF QUANTITIES

1. All items of work under this Contract shall be executed strictly to fulfill the requirements laid down in the specifications, which shall include type of equipment, material, methods of installation, etc. Approved shop drawings and the relevant standards.
2. The rate for each item of work in the Schedule of Quantities shall, unless expressly stated otherwise, shall also include the following:
  - a. All fixing materials, accessories, appliances, tools, plants, equipment, transport, labour and incidentals required in preparation of and in the full and entire execution, testing, commissioning and completion of the work called for in the item as per Specifications and Drawings.
  - b. Wastage on materials and labour.
  - c. Loading, transporting, unloading, handling / double handling, hoisting to all levels, selling, filling and fixing in position, protecting, disposal of debris and all other labour necessary in and for the full and entire execution and to fully complete the job in accordance with the contract documents, good practice and recognized principles.
  - d. Liabilities obligation and risks arising out of condition of contract.
  - e. All requirements of specifications, whether such requirements are mentioned in the item or not. The specifications and drawings where available, are to be read as complimentary to and part of the Schedule of Quantities and any work called for in one shall be taken as required for all.
  - f. In the event of conflict between schedule of quantities and other documents including the specifications, the most stringent shall apply and the interpretation of the consultants shall be final and binding,
3. The unit rate for each equipment or materials shall include cost in Rupees for equipment and material including the excise duty, forwarding, freight and insurance upto Contractor's store at site, storage, installation, testing, commissioning and other works required.
4. All equipment, quantities and technical data indicated in this Schedule are for the Contractors guidance only.
5. The quantities given in this schedule are provisional, IIITD reserves the right to increase or decrease the quantities or to totally omit any items of work and the Contractor shall not be entitled to claim any extras or damages on these grounds. These variations shall be permitted until such time Contractors shop drawings are approved.
6. This schedule shall be fully priced and the extensions and totals duly checked. The rates for all items shall be filled in INK.
7. No alteration whatsoever is to be made to the text or quantities of this Schedule unless such alteration is authorized in writing by the Consultants. Any such alterations, notes or additions shall unless authorized in writing be disregarded when tender documents are considered.
8. In the event of an error occurring in the amount column of the Schedule, as a result of wrong extension of the unit rate and quantity, the unit rate quoted by the tenderer shall be regarded as firm and the extensions shall be amended on the basis of the rates.
9. Any error in totaling in the amount column and in carrying forwarded totals shall be corrected. Any error, in description or in quantity or omission of items from this schedule shall not vitiate this contract but shall be corrected and deemed to be a variation required by the Consultants.



**1. Guarantee**

The tenderer shall guarantee the flooring for a period of one year from the date of completion of the work.

**2. DRAWINGS**

The tenderer shall examine all architectural, structural and other services drawings before starting the work. Any changes found essential to coordinate installation of his work with other services and trades, shall be made with prior approval of the Project Manager without additional cost to IIITD. The data given in the drawings and specifications is as exact as could be procured, but its accuracy is not guaranteed.

Shop Drawings shall be submitted for approval sufficiently in advance of planned delivery and installation of any material to allow Project Manager / Services Consultant ample time for scrutiny. No claims for extension of time shall be entertained because of any delay in the work due to his failure to produce shop drawings at the right time, in accordance with the approved program.

**3. PAINTING**

All exposed metal work furnished under these specifications, unless otherwise specified, shall be shop painted. Shop coats of paint that have become marred during shipment or erection, shall be cleaned off with mineral spirits, wire brushed and spot painted over the affected areas, then coated with enamel paint to match the finish over the adjoining shop painted surface.

**4. IMPORT LICENSE**

Should any import license be required for import of any component, the tenderer shall make their own arrangement for the same. IIITD shall not undertake any responsibility for import of components and all payments shall be made in Indian rupees only by the tenderer.

**5. DEVIATIONS**

Tenderer shall stipulate the deviations, if any, from these Technical Specifications, and reason thereof

**6. STRUCTURAL REQUIREMENTS**

Tenderer shall clearly indicate the structural requirements for the installation of floors. Other preparation work and all items of supply and installation shall be the responsibility of the tenderer.

**7. EXCLUSIONS**

Any items excluded from the offer, but functionally required, shall be clearly defined and listed by the tenderers, giving description of the items, quantity and estimated cost and the reason for excluding the items.

**8. TOOLS AND TACKLES**

All tools, tackles, supports, scaffolding and staging etc. required for erection and assembly of the equipment and installation covered by the contract shall be provided by the Tenderer himself. In addition, all other materials etc. required for the installation of the floor shall also be provided by the tenderer at his cost.

Upon handing over, the Project Manager shall issue to the tenderer the necessary certificate of acceptance



## **9. SAFETY PRECAUTIONS**

- I. A competent and authorized supervisor/Erector shall be on the site whenever the tenderer's men are at work. The supervisor/Erector should ensure that all plant and machinery used on the site are rendered safe for working and meet with the Indian or International safety standards applicable for the use and operation of such machinery. The supervisor/Erector should also ensure that the workmen at site are made to use safety appliances such as safety belts, life lines, helmets etc.
- II. Smoking shall be altogether strictly prohibited in all areas of work as well as where combustible and inflammable goods/materials are stored or lying about.
- III. Any hot job such as welding, soldering, gas cutting shall not be carried out without the permission of the Engineer. Such jobs shall not be out where inflammable materials are stored or lying about.
- IV. All electric connections shall be through adequately sized mechanically protected cables without any joints and with proper and adequate terminals boxes. All power supplies shall be through properly rated fuses with isolating devices. No such hot jobs shall be carried out on holidays and without the presence of the Tenderer's Supervisor and IIITDs permissions.
- V. It is entirely the responsibility of the Tenderer to practice the principles of 'SAFETY FIRST' during the entire tenure of work with adequate insurance covering injury or death to workmen, loss by theft or damage to materials and property and third party.
- VI. The Tenderer should clear the site of all debris every day to avoid accidents. In case this is not done, IIITD may engage necessary labor to maintain the cleanliness of the premises and removal of debris and recover all or part of the expenditure so incurred from the Tenderer.
- VII. Tenderer shall at his own cost ensure that all of his personnel, employees, work men and other associated persons working with him at site are adequately insured as per labour laws and statutory provisions. The Tenderer shall be responsible for all injuries/damages to men, materials and properties etc. which may arise from the operations or negligence of himself and/or his sub tenderers and indemnify IIITD for all such expenses which shall be solely to tenderer's own account.
- VIII. Tenderer shall at his own cost, provide and maintain a full fledged first-aid-box to give immediate medical aid to the workers / supervisory staff, in case of emergencies.
- IX. The tenderer shall carry out work strictly as per safety aspects.

## **10. STORAGE AT SITE**

The tenderer shall have to make his own arrangement for accommodation of staff, safe custody of materials, etc. No storage space shall be provided at site.

## **11. TAXES & DUTIES**

The rates quoted should be inclusive of all costs stating clearly the taxes, duties etc. as applicable.

## **12. ESCALATION**

The prices quoted shall remain firm and free from any variations/fluctuations till the completion of the works and no escalation on any account shall be payable.

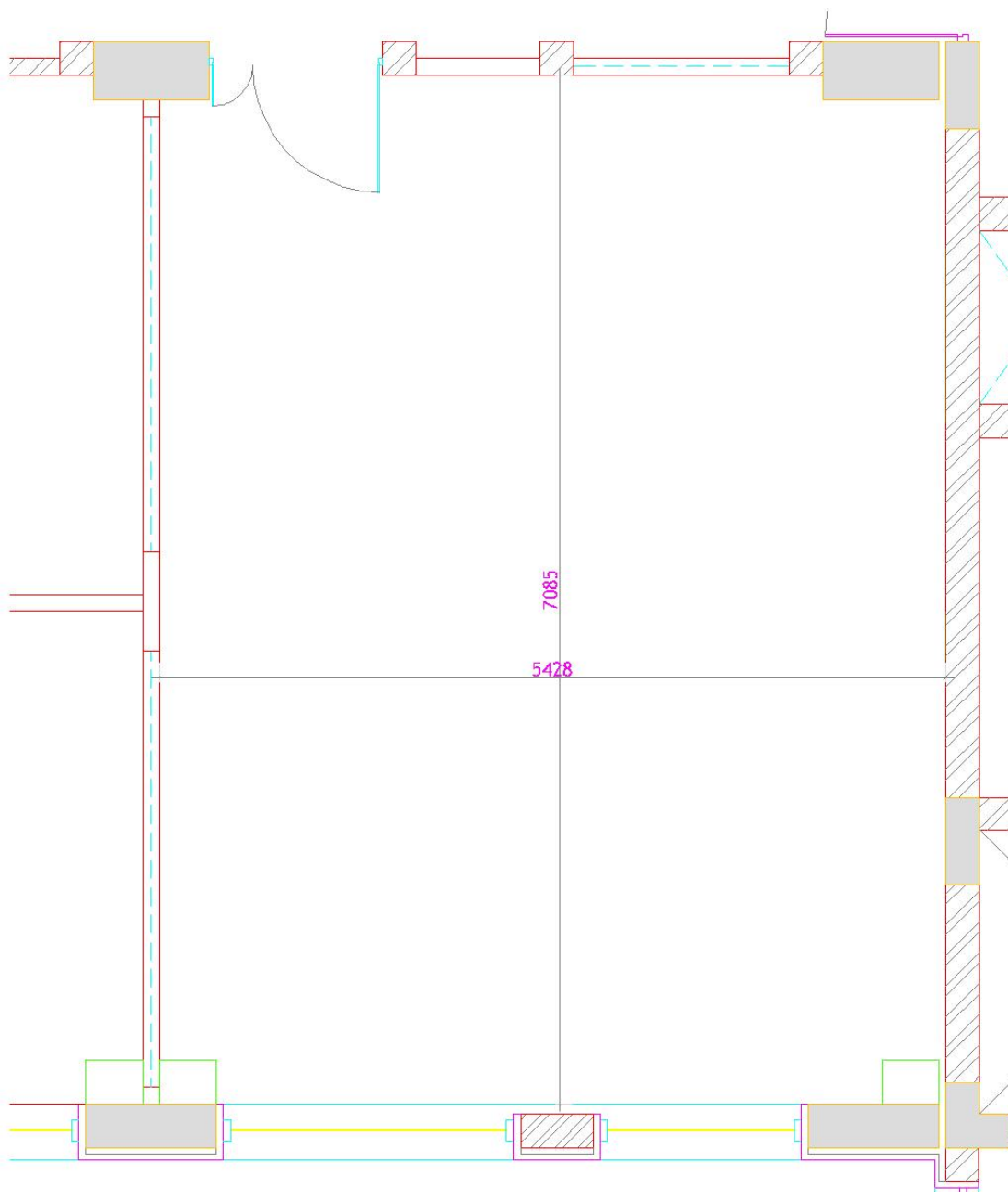


**13. MISCELLANEOUS**

The following shall be in the scope of the tenderer and it shall be his responsibility to arrange all items in order to complete the installation.

- i) MS Scaffolding
- ii) All minor builder works such as chipping of surfaces, cutting and finishing of walls/floors/partitions etc. shall be responsibility of tenderer.
- iii) Any/all necessary consumables required to complete the work as per specifications and requirements to call work complete.

Besides the above, tenderer shall submit his standard quality assurance program and test acceptance procedures for reference of Project Manager / Services Consultant.



**Drawing of Server Room**