



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Human Resource Development, Govt. of India)
IISER Pune Campus, Dr. Homi Bhabha Road, Pune-411 008.
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No: 54(2) /IISER/Pune/2018-19/ 163

Dated 12/10/2018

NOTICE INVITING QUOTATION

Sealed quotations are hereby invited by the undersigned on behalf of the Director, IISER Pune for the work mentioned below up to **3.00 PM on 24/10/2018** from approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, and MES in appropriate category or eligible specialized expert agency for Clean Room Partition works. The quotations will be opened at 3.30 PM on the same day.

Name of Work: Supply and installation additional clean room partition and doors at Nation Gene Facility at IISER Pune.

Issue to –

Name and address of the agency –

Akulkarni
Executive Engineer

Terms and Conditions:

- 1) The applicant should be approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, and MES in appropriate category or eligible specialized expert agency for Tissue Culture Clean Room Partition works. Applicant should submit attested or notarized copies of the experience certificate for the work completed within last three years from client department with copy of work order/LOI to along with the quotation. Bidders not meeting the minimum eligibility criteria shall be summarily rejected.
- 2) Time period for completion of work shall be 1 (One) Month from the date of placing the work order by IISER Pune. The act of backing-out after opening of quotation will debar such agencies for participating in the future quotations of IISER PUNE. Bidder may e-mail queries on maintenance@iiserpune.ac.in or submit to IISER PUNE office in hard copy on all working days one day before submission date of quotation as specified above.
- 3) Notice Inviting Quotation (NIQ) document may be obtained from IISER PUNE at 121, Engineering Section , Main Building, IISER PUNE Campus, Dr.Homi Bhabha Road, Pashan, Pune - 411008 between 10 AM to 4 PM on all working days before date of submission. Applicant may submit quotation by obtaining NIQ document from IISER PUNE website at <http://www.iiserpune.ac.in/links/tender-notices-and-eoi>
- 4) All agencies need to submit their quotation in hard copy in sealed two envelope on and before **3 PM on 24/10/2018**. First Envelope containing technical credentials, experience certificate and second envelope containing financial bid. Quotation received after the date & time specified above shall not be accepted. Any delays, postal delay etc. will not be entertained. Agency should quote for all the items in the BOQ. Rates quoted in words shall be treated as Final for deciding L1 bidder. The bid shall be

Sign and Stamp of Agency

Page 1 of 7



submitted in the original bid document (as issued by the IISER, Pune or Web copy) super scribing the name of work. Quoted rates shall be valid for 60 days from the date of opening of quotations. Rates shall be quoted in hand writing at the spaces provided in NIQ document. Delivery address shall be IISER Pune Campus , Pashan , Pune-08,

- 5) Technical envelop will be opened on the same day at **3.30 PM** in the presence of agency or their authorized representatives, if any. The offer of the agency should be commercially clear including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the right to accept or reject the quotation/s without assigning any reasons.
 - 6) Quotations submitted with any conditions shall be treated as conditional quotations and shall be summarily be rejected by IISER PUNE.
 - 7) Quoted rates should be inclusive of cost of all the materials, labour cost , GST ,all taxes, octroi , duties , cost of sample and fees towards testing of materials in labs ,royalties etc. complete. Nothing extra shall be paid separately. No, Bidder shall contact the IISER, Pune on any matter relating to his bid from the time of the bid opening to the time of issue of work order. Any effort by the Bidder to influence the IISER's bid evaluation, bid comparison or contract award decisions, may result in the rejection of his bid.
 - 8) All approved makes shall be as specified in BOQ and as per CPWD specifications, agency should put-up technical data and obtain prior approval on makes of various materials of IISER PUNE before taking-up work. The successful agency shall make his own arrangement for all Tools & tackles for work etc complete in view of completion of work. Electricity shall be provided free of cost to agency at one source, agency should make own arrangement to safely tap of power from source to work location. No advance payment shall be made by IISER Pune. Quoted rates should be including GST, TDS and other applicable taxes. Income Tax and labor cess will be deducted from the bills of the work.
 - 9) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & as per instruction of IISER PUNE whenever specification CPWD/ IS specification are not available.
 - 10) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws. All the safety measured shall be followed by the L1 agency as per prescribed norms during execution of work with all the necessary safety tools etc. Executing Agency shall sole techno-commercially responsible for the strict adherence of safety norms and allied compensations etc.
- Agency should submit measurements and abstract sheets to IISER PUNE for the payments within 30 days from completion of work.

A. Kulkarni

Executive Engineer IISER Pune

Encl : - Schedule of Quantity (BOQ) – As per Annexure A

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Page 2 of 7



Bill of Quantity

Name of work :- Clean Partition works at National Gene Facility at IISER Pune

Sr No	Description	Quantity	Unit	Rate in words and figures	Amount
	CLEAN ROOM				
1.0	<p>Providing and fixing approved make 44mm/80mm/100mm thick double skin progressive type with intermediate non progressive panels comprising of 2 sheets of 0.8mm thick GPSP G.t. sheets with 60-80 micron epoxy polyester powder coating of approved color with infill material comprising of Polyurethane Foam (PUF) with density of 40kg/cum or Rockwool with density 90 kg/cum inclusive of adhesive/glue with appropriate bonding system, to comply with minimum 1 hour fire rating. Partition frame work shall be with aluminum standalone profiles at panel joints with 1 mm thick G.t. Stiffener channel sections at every 300mm between panels with all gaps and joints sealed with Dow corning 786 Silicone sealant for leak proof joints. Rate to include cost of additional frames for all cut-outs etc. Rate to include cost of all materials, additional channels around cut outs opening around light fixtures HVAC grills as per site conditions, preparation of shop drawings as per site conditions and getting approval of the same before manufacturing panels, including the cost of minor components/materials required for execution of the item complete as per direction of Engineer in charge. Work shall be executed as per time slots provided by facility manager. One side finished wall area shall be measured for payment. Quoted rate shall be including material, labour, GST , lead , lift , packing , etc complete. Nothing extra shall be paid separately. Shop drawings shall be got approved from Engineer In-charge before taking-up manufacturing and installation.</p>				



1.1	44 mm thick wall cladding panels.	5.00	sqm	
1.2	80 mm thick wall panels.	75.00	sqm	
2.0	Providing and fixing extruded Aluminum Powder Coated clip on type coverings of 50/65mm radius with 1.2mm thick Aluminum sheet finished with epoxy powder coating of 60-80 micron thickness, colour to match panel, for wall to wall and wall to Ceiling junctions.			
2.1	Wall to ceiling coving.	6.00	meter	
2.2	Wall to wall coving.	12.00	meter	
2.3	Aluminum coving corner 3D (wall/wall/ceiling junction)	2.00	each	



2.4	Aluminum coving comer 20 (wall to wall junction)	2.00	each	
3.0	<p>Hollow Metal Clean Room Steel Door</p> <p>Providing and fixing of Hollow metal clean room door from ISO 9001 -2000 certified Manufacturer. The hollow metal doors should be made from high grade galvanized steel stretched level GPSP G.I sheet with double glazed vision panel. Single /Double leaf to required sizes and approved make which consists of frame, shutter, infill and finish as detailed below and conforming to IS 277. Door frame shall be single rebate profile of size 100 x 57 mm made out of 1.2 mm Thick GPSP galvanized steel sheet (18 gauge).</p> <p>Frames should be MITERED and field assembled with self tabs. Door frames should be prepared for suitable hardware as scheduled and should have necessary reinforcement) to withstand regular wear and tear. All provision should be mortised, drilled and tapped for receiving the hardware. Rubber door silencers should be provided on the striking jamb.</p> <p>All door frames should be provided with SO FIT bracket and anchor fasteners for installation on clean room panels. Door shutter should be 44mm thick fully flush double skin door with vision panel. Door leaf shall be manufactured from 0.8mm (22 gauge) thick GPSP galvanized steel sheet. The internal construction of the door should be rigid with steel stiffeners! pads for receiving appropriate hardware. The infill material shall be resin bonded honeycomb paper core.</p> <p>All doors should be factory prepped for receiving appropriate hardware and provided with necessary reinforcement for hinges, locks, and door closers. The edges should be interlocked with a bending radius of 1.4mm. Double glazed Vision panel shall be provided with 5mm thick toughened glass fixed with glazing tape flush with door shutter on either side.</p>	4.0	Each	



	<p>All doors and frames shall be finished with etched primer coating (35 microns), stove zinc phosphate primer and thermosetting polyurethane aliphatic grade paint (35 micron OFT) of approved colour. Steel surface should be blast cleaned to near to clean surface. Once the surface is cleaned the doors should be checked for finish before it is taken for painting. Rate should include for supply and installation of door and hardware set as mentioned in the door and hardware schedule. Quoted rate shall be including material , labour , GST , lead , lift , packing , etc complete. Nothing extra shall be paid separately. Clean Room doors size 1200 X 2100mm List ill hardware of Door 3 nos Hinges 55 304 Ball bearing Butt hinge 100 mm x 75 mm x 3mm - 4330 84.00 Each of Dorma make 1 pair Handle SS 'D' pull handle - TG D1250mm x 19mm with back to back fixing 1 no S.S. push plate 1 no of TS 68 Standard arm Door Closer of Dorma. 1 no S.S kick plate 0.8mm thick 11 00x300. 1 no Mortise dead lock 278 with both sides key operation cylinder-Dorma. 1 no View glass 400mm x 800mm double glazed view glass with 5mm thick J. With Dorma make Panic Bar suitable to clean door with emergency release system to be provided and installed. Toughened glass fixed with adhesive tape and silicon sealant all around. Door seal with pvc gasket all around Drop seal for air tightness. Shop drawings shall be got approved from Engineer In-charge before taking-up manufacturing and installation.</p>			
	<p>Civil Works</p>			
<p>4</p>	<p>Removal of modular false ceiling of size 595X595 along with grid system and stacking grid and tiles polypacks in suitable boxes at location in IISER PUNE campus as directed by Engineer in charge. Rate shall be inclusive of scaffolding etc. complete . Nothing extra shall be paid separately.</p>	<p>15.00</p>	<p>Sqm</p>	



	15.00	Sqm	
5	Fixing of modular false ceiling of size 595X595 along with grid system at any location in IISER PUNE campus as directed by Engineer in charge. Rate shall be inclusive of L angle , GST, scaffolding etc. complete . Nothing extra shall be paid separately.	15.00	Sqm
6	Supply and filling of gaps of clean room ceiling and air shower/sterilizer etc by self cure silicone sealant . Colour of sealant shall be as approved by Engineer In-charge, IISER Pune. Silicon Sealant should be single component silicone sealant which when properly self cured becomes a permanently elastic compound, should have property of excellent adhesion epoxy cured surface , glass, stainless steel , ceramic etc. Application shall be done by using 25mm wide masking tape for protecting and covering both sides of gap and filling sealant with suitable gun and nozzle assembly. Silicon Sealant bottle shall be minimum 240 ml cartridge. Quoted rate shall including filling of gaps as instructed by Engineer In-charge , with proper arrangement of ladder etc complete. Masking tapes shall be removed Sealed Silicon Sealant Bottles used during work shall be measured for payments. Approved Make : Pidilite/Dow Corning	50.00	each
7.0	Repair works in Pre-fabricated insulated sandwich paneled overall 44mm thick double skin non-walk clean room false ceiling. Quoted rate shall be including repairs to existing ceiling by providing and fixing additional suitable GI supports from slab/beam to keep panels in position and in line and level. Actual area of ceiling repaired shall be measured for payments. Quoted rate shall be including material , labour , GST , lead , lift , packing , etc complete. Nothing extra shall be paid separately.	10.00	sq.mt
	TOTAL		



Handwritten signature of the Executive Engineer.

Executive Engineer
IISER PUNE