



**Government eProcurement System**

**Tender Details**

Date : 27-Nov-2018 05:55 PM



**Basic Details**

<b>Organisation Chain</b>	Council of Scientific and Industrial Research  CDRI-Lucknow - CSIR  Purchase-CDRI - CSIR		
<b>Tender Reference Number</b>	2018-19/IND55845		
<b>Tender ID</b>	2018_CSIR_18532_1		
<b>Tender Type</b>	EOI	<b>Form of contract</b>	Works
<b>Tender Category</b>	Works	<b>No. of Covers</b>	1
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Not Applicable	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No

**Cover Details, No. Of Covers - 1**

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	tender documents

**Tender Fee Details, [Total Fee in  \* - 0.00]**

<b>Tender Fee in <input type="checkbox"/></b>	0.00		
<b>Fee Payable To</b>	Nil	<b>Fee Payable At</b>	Nil
<b>Tender Fee Exemption Allowed</b>	No		

**EMD Fee Details**

<b>EMD Amount in <input type="checkbox"/></b>	0.00	<b>EMD Exemption Allowed</b>	No
<b>EMD Fee Type</b>	fixed	<b>EMD Percentage</b>	NA
<b>EMD Payable To</b>	Nil	<b>EMD Payable At</b>	Nil

**Work / Item(s)**

<b>Title</b>	R and D Scale Manufacturing facility
<b>Work Description</b>	R and D Scale Manufacturing facility (Turnkey basis)
<b>Pre Qualification Details</b>	Please refer Tender documents.
<b>Independent External Monitor</b>	NA

<b>Tender Value in</b> □	30,00,000	<b>Product Category</b>	Job Works	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	90	<b>Period Of Work(Days)</b>	90
<b>Location</b>	CSIR-Central Drug Research Institute, Lucknow	<b>Pincode</b>	226031	<b>Pre Bid Meeting Place</b>	CSIR-CDRI Lucknow
<b>Pre Bid Meeting Address</b>	CSIR-Central Drug Research Institute, Sector 10, J	<b>Pre Bid Meeting Date</b>	17-Dec-2018 11:00 AM	<b>Bid Opening Place</b>	CDRI Purchase
<b>Should Allow NDA Tender</b>	No	<b>Prequalification Approval Date</b>	NA	<b>Allow Preferential Bidder</b>	No

<b>Critical Dates</b>			
<b>Publish Date</b>	27-Nov-2018 06:40 PM	<b>Bid Opening Date</b>	20-Nov-2018 05:55 PM
<b>Document Download / Sale Start Date</b>	27-Nov-2018 06:45 PM	<b>Document Download / Sale End Date</b>	19-Dec-2018 09:00 AM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	28-Nov-2018 10:00 AM	<b>Bid Submission End Date</b>	19-Dec-2018 09:00 AM

<b>Tender Documents</b>					
<b>NIT Document</b>	<b>S.No</b>	<b>Document Name</b>	<b>Description</b>		<b>Document Size (in KB)</b>
	1	Tendernotice_1.pdf	Tender document		291.01
<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tender Documents	ind55845.pdf	R and D Scale manufacturing facility	278.25

<b>Bid Openers List</b>			
<b>S.No</b>	<b>Bid Opener Login Id</b>	<b>Bid Opener Name</b>	<b>Certificate Name</b>
1.	bs.eproc@csir.res.in	Brahma Singh	BRAHMA SINGH
2.	jp.eproc@csir.res.in	Jai Prakash	JAI PRAKASH
3.	amitkumar.eproc@csir.res.in	Amit Kumar	AMIT KUMAR

<b>Tender Inviting Authority</b>	
<b>Name</b>	Stores and Purchase Officer
<b>Address</b>	CSIR-Central Drug Research Institute, Sector 10, Jankipuram Extension, Sitapur Road,Lucknow 226031, Uttar Pradesh, INDIA

<b>Tender Creator Details</b>	
<b>Created By</b>	Rakesh Chandra Dwivedi
<b>Designation</b>	Asst. SO
<b>Created Date</b>	27-Nov-2018 05:43 PM



सी.एस.आई.आर.-केन्द्रीय औषधि अनुसंधान संस्थान  
(विज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
बी.एस्. 10/1, सेक्टर 10, जानकीपुरम विस्तार, सीतापुर रोड, पोस्ट बॉक्स नं. 173, लखनऊ - 226021 (भारत)  
**CSIR-Central Drug Research Institute**  
(Council of Scientific & Industrial Research)  
B.S. 10/1, Sector 10, Janakipuram Extension, Sitapur Road, Post Box No.: 173, Lucknow- 226021 (India)  
Phone : (0522) 2771940, 2771980, 2961202, Fax : 91- (522) 2771941  
Gram : CENDRUG, Web : <http://www.cdriindia.org>



No. 2018-19/IND55845

Date: 26.11.2018

**Expression of Interest for R&D Scale Manufacturing facility**

CSIR-CDRI, Lucknow intends to engage an agency for Turnkey project for **R&D Scale Manufacturing facility (Turnkey basis)**. A pre-indent conference is being arranged on 17<sup>th</sup> December 2018 at 11:00 AM in the CDRI, Purchase conference room.

Prospective Bidders those have the instruments are invited to make presentation followed by discussion on Technology, Features, Design, Utility, Parameters (Technical) clientele etc. for more details refer our website [www.cdri.res.in](http://www.cdri.res.in)

Stores & Purchase Officer  
Email – [spo@cdri.res.in](mailto:spo@cdri.res.in)  
Cont: 0522-2772450

Sub. : Expression of Interest (EOI) for **R&D Scale Manufacturing facility**

CSIR-Central Drug Research Institute (CDRI), Lucknow (U.P.) is one of the constituent Laboratories situated at Jankipuram Extension, Sitapur Road, Lucknow. under the council of Scientific & Industrial Research (CSIR) engaged in providing solutions to almost all area of Drug Research.

General Specifications:

CSIR-Central Drug Research Institute (CDRI), Lucknow (U.P.) is one of the constituent Laboratories situated at Jankipuram Extension, Sitapur Road, Lucknow. under the council of Scientific & Industrial Research (CSIR) engaged in providing solutions to almost all area of Drug Research.

**R&D-Scale Manufacturing Facility Shell**

*Scope of Procurement*

**Turnkey** project including design, construction, supply, installation, testing, and commissioning (SITC) and Validation of manufacturing facility (Lab-In-Lab model); compliant with **Schedule M of the Drugs & Cosmetics Act and Rules for GMP compliance**. The scope will include all associated civil, electrical, and HVAC work on the lab as-is, where-is.

**Precision HVAC System**

An energy-efficient HVAC system must be designed and installed to maintain the approved inside conditions of temperature, humidity, air-change rate (ACPH), air filtration through HEPA filters, room/zone differential pressure gradient and conditions. The HVAC System shall be designed and provided to maintain the following conditions throughout the year: Inside Temperature:  $24^{\circ}\pm 2^{\circ}\text{C}$ ; RH: 50 +/- 10 %, Sound level : <100 db. Ventilation Requirement: 70% re-circulation, 30% exhaust. Unidirectional Air Flow.

A refrigeration/chiller unit of appropriate capacity, Double-Skin type AHU(s) complete with blower, motor, drive set, DX cooling, pre-filter, drain tray etc. complete in all respects should be provided. Three-stage filtration cascading from 10 micron to 5 microns to 0.5 microns particle size should be provided for inlet air supply. In the sterile area, supply air must be filtered through HEPA filters of efficiency - > 99.97% down to 0.3 microns particle size.

Ducting with appropriate inlets, recirculation and return as required must be installed.

**Complete electrical power distribution system**

The electrical distribution system should be designed and installed as per relevant Standards and Guidelines embodied in Schedule M. Internal lighting and power, cabling/wiring, PVC conduits for HVAC System, Access control, door interlocks, CCTV Camera etc. complete in all respects should be provided.

LT Panel, AHU Starter panel with VFD and control circuit, VFD shall have local control panel with multi-line selectable alpha-numeric display.

**Panels and partitions**

**Wall Panels** for cladding and internal partition: Pre-fabricated insulated sandwich panels made up of 0.5mm PCGI/PPGI sheet on both sides and insulation of PUF with density  $40\pm 2 \text{ Kg/m}^3$ . Overall thickness of the panel should be 50mm. All joints to be sealed with silicon sealants.

**View Panels:** Double glazed view panels made of 5mm thick Float glass in wall panels sealed with double-sided adhesive tape and silicon sealant

**Ceiling Panels:** Panels should be of the same specifications as the wall panels, but designed to fit within each other to form a self-supported assembly. Necessary clean room lighting and air conditioning outlets should be provided.

**Cut outs:** Cut outs in wall panels for fixing the electrical module boxes for power, UPS sockets and magnehelic gauges/ digital display devices for pressure and temperature monitoring. Cut outs and reinforcement surrounding the cut out in the ceiling panel for fixing SA diffuser/filters/ light fixtures in the ceiling panel. Diffuser plates, electrical light fittings and any other cut outs for utilities whether punctured through the wall or ceiling must be sealed with silicon sealant.

**Coving:** Extruded aluminum powder coated minimum 42 micron, clip on covings for the entire wall to wall and wall to ceiling joints, with 3D/ Internal/External corner coves.

**Doors:** 46 mm thick doors made with PU painted GPSP sheets on both sides. GPSP powder coated door frames, hardware like SS push plate, SS 'D' handle, SS ball bearing butt hinges, Double glazed view panel of std. size , Std. arm door closure for active leaf, concealed flush bolt for double door and provision for automatic bottom drop seal etc. Doors should be interlocking to conform to personnel and material circulation protocol.

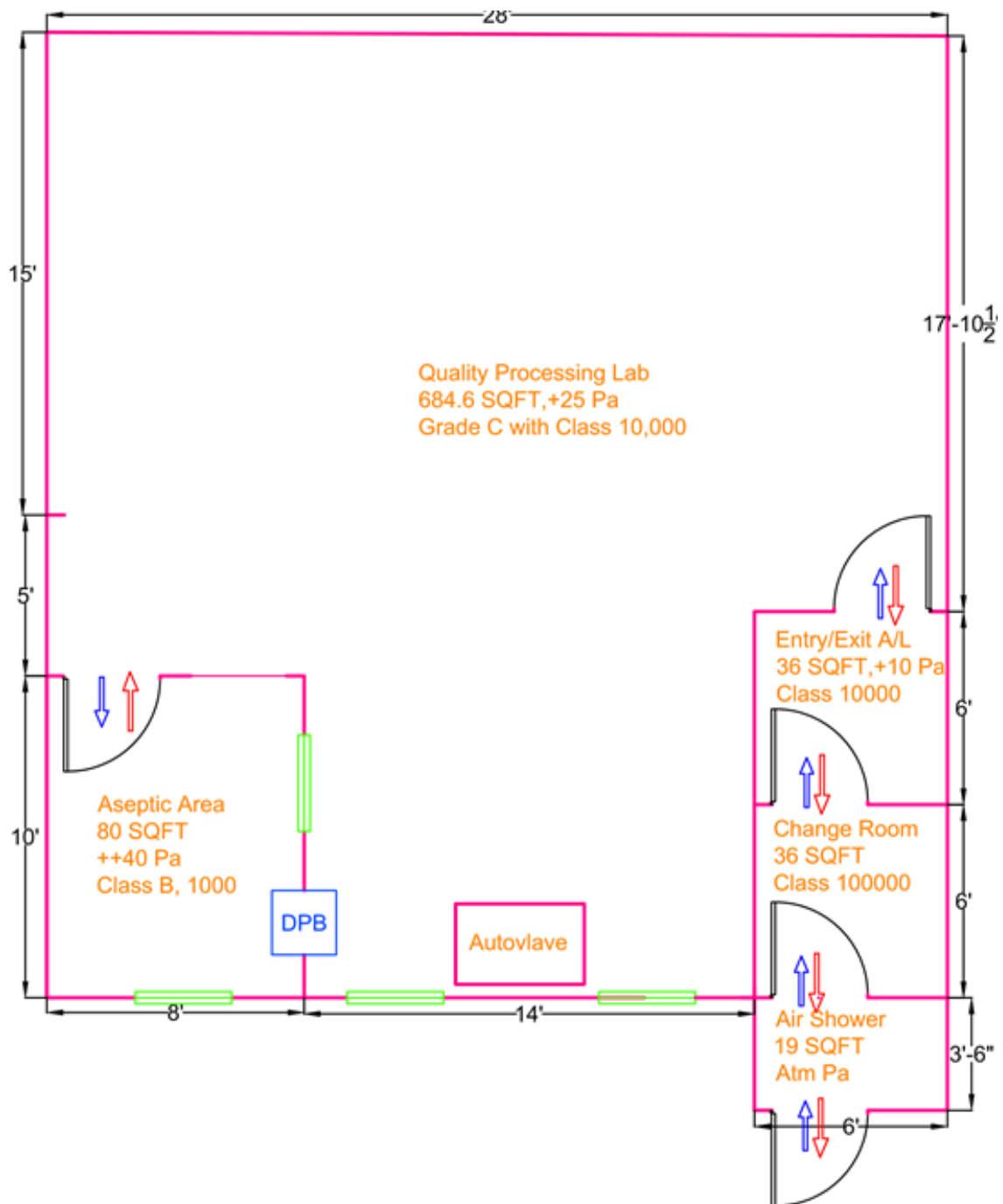
**Flooring:** 3 mm thick surface preparation by grinding followed by supply and laying of primer followed by Screed and Floor top coat over base of Indian Terrace Floor including all material, lead lift T&P, Labour etc. for 3 mm thick Self Levelling Epoxy. OR, Polyvinyl-Antistatic Vinyl flooring made from polyvinyl chloride (PVC or Vinyl) 2 mm thick. All joints fusion welded.

### **Equipment**

**Two-way, wall-mounted autoclave** of dimensions approximately 750 mm (W) × 750 mm (H) × 750 mm (D) of the internal chamber made of SS304, with PLC control and display.

**Pass Boxes** constructed in SS 304 .The corners inside the Pass Box shall be coved. The unit shall be complete with, door electromagnets, door interlock, UV Lamp with timer, necessary wiring, controls and all other accessories.

**Suggested Design** (alternatively, a 10'×10' aseptic area may be planned in a separate room that currently has one door located in the centre of a 10' wall and no windows)



**Experience:** Bidder must submit list of clients for which similar equipment has been installed. At least three installations must have been done within the last three years.

Stores & Purchase Officer