



Date: - 19th August, 2019

Corrigendum
For
Design and Construction of Bsl-3 Laboratory and
associated Work at AIIMS, Jodhpur on Turnkey Basis

NIT Issue Date	: 22 nd July, 2019
NIT No.	: Admn/Tender/24/2019-AIIMS.JDH
Pre-Bid Meeting	: 01 st August, 2019 at 03:00 PM
Earlier Last Date of Submission	: 21 st August, 2019 at 03:00 PM
Extended Last Date of Submission	: 29 th August, 2019 at 03:00 PM
Bid opening	: 30 th August, 2019 at 03:15 P.M

The following revised and additional specification will be added:-

1. 1. Page no. 43, point no. 1.0, Scope of Work (g),

For:

There is an existing DG set available and the backup power supply to the proposed laboratories shall be provided through the same. The required power connection including providing cabling from the DG set panel to the new LT panel shall be in the Bidders scope.

Read:

A separate DG set will be provided by the Bidder. The DG set should be of standard company, duly approved by Central Pollution Control Board. The backup power supply to the proposed laboratories shall be provided through the same. The required power connection including providing cabling from the DG set panel to the new LT panel should be minimum and shall be in the Bidders scope.

2. Page no. 46, Technical Specifications-HVAC System, in General

For:

Relative Humidity: Less than 60%

Read:

Relative Humidity: 50%, +5/-5

3. Page no. 46, Technical Specifications-HVAC System, in General

For:

The proposed BSL-3 Laboratory, shall be air-conditioned through a separate dedicated Central AC System comprising of Chiller Pack, Air Handling Units, Exhaust System, Air Filtration System and Air Distribution System complete in all respect. The system shall be with standby and backup provisions capable to provide un-interrupted continuous operation of BSL-3 Lab to maintain the required temperature, humidity, air-change rate, differential pressure gradient and air filtration conditions of the Laboratory Facility.

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The proposed BSL-3 Laboratory, shall be air-conditioned through a separate dedicated Central AC System comprising of Chiller Pack, Air Handling Units, Exhaust System, Air Filtration System and Air Distribution System complete in all respect. The system shall be with standby and backup provisions capable to provide un-interrupted continuous operation of BSL-3 Lab to maintain the required temperature, humidity, air-change rate, differential pressure gradient and air filtration conditions of the Laboratory Facility. The Chiller location will be given at ground floor.

4. Page no. 70, Technical Specifications-Equipments and Systems, 6.2 Biosafety Cabinet**For:**

Approx. Work Space of 9000 mm (W) x 660 mm(D) x 610 mm (H)

Read:

Approx. Work Space of 900 mm (W) x 660 mm(D) x 610 mm (H)

5. Page no. 70, Technical Specifications-Equipments and Systems, point no.6.3, Dunk Tank**For:**

Dunk tank shall be provided as per drawing. The dunk tank shall be constructed in SS 304 (16 gauge) for active use of disinfectant chemical like NaOH, Sodium Hypo-Chloride Solution. Approx size of dunk tank shall be 550x5500x900 mm. The drain outlet shall be towards containment side.

Read

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6. Page no. 72, Technical Specifications-Equipments and Systems, point no.6.8 of Biological effluent Decontamination System (Chemical System).**For:**

Supply, installation, testing and commissioning of fully modular skid mounted biological liquid waste decontamination system, including and comprising of:

The Chemical Decontamination System for BSL-3 Laboratory effluent shall comprise of two nos. Effluent Collection tanks (1 Working +1 Standby), each of 800 Ltrs. Capacity. The decontamination tanks shall be constructed in SS 304 (14 gauge) with chemical resistant lining/coating from inside suitable for use disinfectant chemical sodium hypo-chlorite, NaOH etc. The drain line from BSL-3 Laboratory containment area shall be terminated to the effluent decontamination tanks. The effluent decontamination tanks shall be provided with motorized OPEN/CLOSE valves connected with liquid level sensor such that when one tank get filled up to approx. 500 Ltrs. volume, the supply valve shall automatically close and the supply valve of the standby tank shall automatically open to allow collection of effluent. During this time, the effluent collected in filled up tank can be decontaminated by introducing disinfectant chemical. This cycle shall be repeated automatically vice-versa with both the decontamination tanks and the process shall be automatically controlled through a control panel.

Read:

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7. Page no. 74, point no.6.10, Water Softening Plant of Biological Effluent Decontamination System (Chemical System).

For:

The HVAC system, the steam boiler, the laboratory room sinks and showers shall be supplied with soft water. A water softener of 200 liter/hour output capacity shall be supplied and installed. The contractor shall get the existing water quality tested from laboratory and provide the system accordingly. The water softening system shall be complete with filters (sand filter, ion filter, carbon filter, as required), interconnecting piping, pumps and piping upto the soft water storage tanks.

Read:

The HVAC system, the steam boiler, the laboratory room sinks and showers shall be supplied with soft water. A water softener of 50 liter/hour output capacity shall be supplied and installed. The contractor shall get the existing water quality tested from laboratory and provide the system accordingly. The water softening system shall be complete with filters (sand filter, ion filter, carbon filter, as required), interconnecting piping, pumps and piping upto the soft water storage tanks.

8. Page no. 76, point no.10.1, of Comprehensive Annual Operation & Maintenance Services.

For:

After Completion of Works and Handing Over, AIIMS, Jodhpur may ask the Contractor to provide Comprehensive Operation and Maintenance services for a period of 1-5 years at the quoted and pre-approved rates invited in the tender, and enter into a contract for comprehensive annual operation and maintenance services with the Contractor.

Read

After Completion of Works and Handing Over, Contractor has to provide Comprehensive Operation and Maintenance services for a period of 2 years years at the quoted and pre-approved rates invited in the tender, and enter into a contract for comprehensive annual operation and maintenance services with the Contractor and Comprehensive Operation and Maintenance Services further by five years.

The point to be added in Scope of Work, Page no. 43, as note:

- The Utility equipment like ETP (chemical type), Water Softener, OH Water Tank, Main LT Panel, Air Cooled Chillers are to be installed at the ground floor.
- The AutoCAD drawing of the site will be provided to the bidder qualifying the bid.