



INDIAN  
INSTITUTE OF  
PUBLIC HEALTH  
GANDHINAGAR

**INDIAN INSTITUTE OF PUBLIC HEALTH GANDHINAGAR (IIPHG)**

**OPEN TENDER**

**RFP No: IIPHG/ Gen (Admin)/ RFP/ FM – O & M/ August 2019/003**

**REQUEST FOR PROPOSAL (RFP)**

**FOR SELECTION OF FACILITY MANAGEMENT – OPERATIONS &  
MAINTENANCE SERVICES FOR IIPHG UNIVERSITY CAMPUS**

**Call for RFP Opening: 5<sup>th</sup> September, 2019 by 11:00 AM**

**Cut of Date for downloading RFP: 19<sup>th</sup> September, 2019 by 4:00 PM**

**Last date of submission of Bid: 20<sup>th</sup> September, 2019 by 12:00 Noon**

Indian Institute of Public Health Gandhinagar (IIPHG)

Opp. Air Force Head Quarters, Nr. Lekawada Bus Stop, Gandhinagar – Chiloda  
Road, CRPF PO., Gandhinagar - 382042

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## 1. INTRODUCTION

### 1.1. Purpose of call for RFP

The purpose/intent for this RFP is to hire the services of Facility Management – Operations & Maintenance Agency at Indian Institute of Public Health Gandhinagar (IIPHG) University Campus.

(b) The proposals submitted for this RFP must only be in the format as mentioned in this RFP. Agencies are required to submit a detailed Proposal (20 pages max). The Proposal submitted by /agencies will be reviewed by RFP Evaluation Committee at IIPHG formed for this purpose. Agencies would also be required to demonstrate the skills and understanding in such exercise by clearly outlining the timeline and resources required to accomplish the job description. The initial contract will be **from 01<sup>st</sup> November, 2019 to 31<sup>st</sup> March, 2021** which can further be extended for another year at the discretion of IIPHG. However, agencies are expected to submit Financial proposal for period upto 31<sup>st</sup> March, 2021.

### 1.2. About IIPHG.

Public Health Foundation of India (PHFI) and Government of Gujarat entered a MoU in 2007 to establish Indian Institute of Public Health Gandhinagar.

Indian Institute of Public Health Gandhinagar (IIPHG) is India's first Public Health University formed under The IIPHG Act 2015 of Gujarat State. The Indian Institute of Public Health Gandhinagar (IIPHG) is working towards building a healthier India. IIPHG is an example of visionary leadership of Honourable Shri Narendra Modi (then Honourable Chief Minister of Gujarat), who laid the foundation stone in 2008.

It's state-of-the art green campus is spread over 50 acres' land in Gandhinagar with world-class research facilities and laboratories. The permanent campus of IIPHG was inaugurated on 25th October 2016.

IIPHG is offering Full Time Courses. Details of Courses being offered are as follows.

- Master of Public Health (MPH) – 2 years full time course – batch of 60 students.
- Master of Hospital Administration (MHA) - 2 years full time course – batch of 30 students.
- Post Graduate Diploma in Public Health Management (PGDPHM) – 1 year full time course having nomination from State Government. Current batch size is of 30 students.

### 1.3. Key Dates

#### Schedule of RFP Processing (Key Dates)

	<b>RFP Inviting Authority</b>	<p style="text-align: center;">Indian Institute of Public Health Gandhinagar (IIPHG)</p> <p style="text-align: center;">Opp. Air Force Head Quarters, Nr. Lekawada Bus Stop, Gandhinagar – Chiloda Road, CRPF PO., Gandhinagar – 382042</p>	
<b>Sl. No</b>	<b>Description</b>	<b>Date</b>	<b>Time</b>
1.	<b>RFP released on IIPHG &amp; PHFI Web Site, Newspaper Notice</b>	<b>5<sup>th</sup> Sept., 2019</b>	At 11:00 AM
2.	<b>Last date for receiving Queries from Agencies, if any</b>	<b>18<sup>th</sup> Sept., 2019</b>	By 02:00 PM
3.	<b>Cut of Date for downloading RFP</b>	<b>19<sup>th</sup> Sept., 2019</b>	By 4:00 PM
4.	<b>Last date for submission of Bids</b>	<b>20<sup>th</sup> Sept. 2019</b>	By 12:00 Noon (may be dropped in Tender / RFP Box/By Courier/Speed Post)
5.	<b>Opening of Tender / RFP Box and Technical Bids (Authorized representatives of Agencies may be present for opening of Tender / RFP Box)</b>	<b>20<sup>th</sup> Sept., 2019</b>	By 4:00 PM
6.	<b>Intimation to the Agencies who qualify in the Technical Bids</b>	<b>30<sup>th</sup> Sept., 2019</b>	By 5:00 PM
7.	<b>Interview of Qualifying Agencies (Format will be intimated through IIPHG Tender email to concerned Agencies)</b>	<b>4<sup>th</sup> Oct., 2019</b>	At 11:00 AM Onwards
8.	<b>Opening of Financial Bids (Authorized representatives of Agencies may be present for opening of Financial Bids)</b>	<b>9<sup>th</sup> Oct., 2019</b>	At 12:00 Noon
9.	<b>Interview cum Financial Negotiation with the short-listed Agency(s)</b>	<b>11<sup>th</sup> Oct., 2019</b>	At 2:00 PM Onwards
10.	<b>Issue of Letter of Intent/Award/Agreement</b>	<b>As per the decision of IIPHG Management</b>	

## 2. QUALIFICATION/ELIGIBILITY CRITERIA

The Qualification/Eligibility criteria for the Agency are given below:

<b>Sl. No</b>	<b>Qualification Criteria</b>	<b>Proof Required</b>
1	I. Name and address of the Organization. II. Year of Establishment III. Whether Organization / Agency is registered under Shop & Establishment Act., Partnership Act., is an autonomous body or a Company etc. and details thereof (e.g. name (s) of Proprietor, Partners, Managing Director, Chief Executive Officer, Key authorized persons.	Copy of Certificate of Incorporation/Registration/MoU as applicable
2	The Institution/ Organization/ Agency should have a valid PAN and GST Registration in India	Copy of PAN card and GST Registration
3	The Institution/ Organization/ Agency should have a minimum average annual turnover of Rs. 1,00,00,000/- (Rupees One Crore Only) from assignments made during the last three fiscal years.	Copy of Audited Profit and Loss Statement and Balance Sheet
4	The Agency should have a previous experience of minimum 7 years of handling Operations & Maintenance of organization having centralized Air Conditioning System, HT & LT electrical connections, Diesel Generator, Fire safety system, Building Management System (BMS), O & M of Audio Visual equipment, Video Conference facility, CCTV connections, lifts, Housekeeping Services etc. Should have minimum 3 current running contracts.	Necessary document as evidence: Minimum 3 currently running contracts confirming 1) Total staff at each location. Technical and non-technical staff to be shown separately. 2) Contract Period 3) Contract Value
5	The Institution/ Organization/ Agency should have Valid License to engage in the business of Facility Management (Operations & Maintenance) Services at Gandhinagar, Gujarat.	Copy of such license
6	The Institution/ Organization/ Agency should be registered under PF Department / ESIC Department / Workmen Compensation Act.	Copy of Registration

7	The Institution/ Organization/ Agency should not have been blacklisted by Central/State Government departments / Undertakings.	No conviction certificate duly signed by the Authorized Signatory of the organization.
8	<b>Previous experience of work with PHFI / IIPHG*</b>	<ol style="list-style-type: none"> <li>1. <b>Name of the Project &amp; Department of PHFI / IIPHG</b></li> <li>2. <b>sponsoring the RFP (Tender No &amp; Date)</b></li> <li>3. <b>Reference &amp; Date of Service Agreement</b></li> <li>4. <b>Date of Commencement &amp; Date of Completion ( Whether completed as per Time Line)</b></li> <li>5. <b>Value of the Project</b></li> <li>6. <b>Any comments on the conduct of the Project</b></li> </ol>

\* Any Agency which does not have a previous working experience with PHFI/IIPHG shall also be eligible for the Tender Process.

### 3. Terms of References (TORs) and Deliverables

#### 3.1 During the contract, the Agency would be responsible for completion of the below mentioned ToRs:

- a) Facility Management Agency will be responsible for overall Operations and Maintenance of the Campus. This includes Smooth Operations and Maintenance of Electromechanical equipment currently installed and to be installed in future, at IIPHG Campus. **Details of currently installed Electromechanical equipment is as Annexure - 3.**
- b) **Overall cleaning of entire campus**, which includes constructed and unconstructed areas, offices, classrooms, toilets, Drainage Line, Hostel etc. Drainage cleaning within the campus will be in the scope of Facility Management Agency.

Details of current constructed area is as follows.

<b>Sr. No.</b>	<b>Building</b>	<b>Floors</b>	<b>Built-up Area (Sq. Mtrs.)</b>
1	Utility Building	Ground Floor	629
2	Academic Building	4 Floors (LGF to 2 <sup>nd</sup> )	4,878
3	Dining & Library Building	3 Floors (GF to 2 <sup>nd</sup> )	1,282

4	Hostel - 150 single occupancy rooms with attached toilet.	8 Floors (LGF to 6 <sup>th</sup> )	4,400
5	Student Centre	2 Floors (GF & 1 <sup>st</sup> )	494
	<b>Total Sq. Meter</b>		<b>11,683</b>

- c) Cleaning material: Facility Management Company will have to provide all / any type of housekeeping / cleaning materials required for Housekeeping work. Please provide list of Housekeeping Material considered for Financial Bid, as per format given at Annexure - 2.
- d) Equipment: List of equipment to be provided by Facility Management Agency is given as part of Financial bid at Annexure - 2.
- e) Regular spray of insecticides, pesticide (every fortnight).
- f) Gardner services to look after horticulture facility at our campus.
- g) Driver to drive and maintain institute car.

**Legal compliance:** Facility Management Agency will be responsible for compliance of all legal, labour and laws.

- \* Ensure that the staff members are paid salary as per MINIMUM WAGES OF GUJARAT STATE.
- \* Agency will strictly follow and comply on statutory liabilities like Provident Fund, ESIC / Workmen Compensation Act., Bonus, Leave Payment etc.
- \* Agency will be responsible to maintain all necessary registers / documents required as per Labour Law and other applicable laws.
- \* Agency will be responsible to ensure that staff members are given salary-slip by 7<sup>th</sup> of every month and the salary is paid by 10<sup>th</sup> of every month.
- \* Agency will be responsible to make duty roster of personnel in such a way that they get weekly off and other entitled leaves as per the guidelines and rule framed under Contract Labour (Regulation and Abolition) Act, 1970 and other applicable law.
- \* Agency will be responsible to have and renew all necessary valid license required to perform this Service Agreement.
- \* IIPHG reserves the right to increase or reduce the daily deployment of staff.

**Estimated approximate current Staff Requirement for O & M is as follows:**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Manpower</b>
1	Facility Manager	1
2	BMS Operator	1
3	HVAC Operator & Technician	1
4	Electricians	4
5	Plumber	1
6	Fire & Safety Officer	1
<b>A</b>	<b>Technical Staff</b>	<b>9</b>
1	General Maintenance Executive	1
2	Housekeeping Supervisor	1
3	Pantry boy cum Office Assistant	1
4	Housekeeping staff (male)	7
5	Housekeeping staff (female)	3
6	Driver	1
7	Gardner	2
<b>B</b>	<b>Non-Technical Staff</b>	<b>16</b>

Each member will work for Shift duty of 8 Hrs. only.

### **3.2. Following are the Scope of Work (SOW) for staff.**

#### **FACILITY MANAGER**

- Facility Manager will be the key responsible and authorized representative of Facility Management Agency.
- He should have minimum Bachelor's Degree in Electrical / Mechanical Engineering from recognized Institute / University.
- He should have work experience of minimum 5 years of handling Mechanical, Electrical & Plumbing (MEP) Operations & Maintenance.
- He should be well versed with computer software's like Ms-Office etc..
- He will be responsible for overall Operations and Maintenance of the campus, this includes Technical Services and Non-technical Services.



- Coordinate systematic and proper execution of all technical, non-technical work.
- He will be responsible for proper training of the staff members.
- He will be responsible to ensure that all staff members including himself strictly follow safety rules.
- He will be responsible for Planning, scheduling & implementation of facility management activities for smooth operations.
- He will be responsible to prepare personnel duty roster and work schedule, as per guidelines of local laws and state needs.
- All staff members should work for 8 Hrs. shift and should get holiday as per applicable local law.
- Coordinate proper and timely preparation of invoice.
- Maintain various registers and records, as per Labour Laws and other applicable laws.
- Responsible to maintain personnel file of Facility Management Agency staff.
- Ensure Police Verification of Facility Management Agency staff.
- He will ensure proper and disciplined behavior of Facility Management Agency staff.
- Ensure that all the staff members are in proper uniform and carry I-cards (including housekeeping staff).
- Ensure overall cleaning of all constructed and uncontracted areas of the campus.
- Ensure systematic disposal of Garbage as per local law.
- Responsible to maintain inventory register for all spare parts and other items being purchased and used for Operations and Maintenance Work.
- Coordinate with OEM / Annual Maintenance Service Providing agencies and other Third Party service providers of IIPHG. To maintain records of all Annual Maintenance Contracts.
- Monitoring of Preventive and breakdown maintenance.
- Responsible for the proper use of Equipment. Any mal-functioning, improper use should be recorded & reported to the concerned officer.

- Ensure adequate stock and availability of cleaning materials and other parts required for O & M.
- Help in Organizing Video Conference/Teleconference etc.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will work in General Shift but, if required he may have to work in any other shift also.
- Carry out any other duty as instructed by IIPHG.

### **BUILDING MANAGEMENT SYSTEM (BMS) OPERATOR**

- BMS Operator should have minimum Bachelor's Degree in Electrical / Mechanical / Electronics and Communication Engineering from recognized Institute / University.
- He should have work experience of minimum 5 years.
- He should be well versed with computer software's like Ms-Office etc .
- He should have knowledge and experience of working on Building Management System, HVAC System, Video conferencing etc.
- Ensure planned maintenance of BMS & HVAC.
- Immediately attend BMS – HVAC system breakdown.
- Troubleshooting of DDC, BMS etc.
- Monitoring of CCTV.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the IIPHG.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

### **HVAC OPERATOR & TECHNICIAN**

- HVAC Operator & Technician should have done regular full time Certificate course in Refrigeration & Air Conditioning from Industrial Training Institute (ITI) or any other recognized Institute / University.
- He should have work experience of minimum 7 years.
- He should have working knowledge of computer.
- He should have knowledge and experience of HVAC System.
- He will be responsible for Operations and Maintenance of HVAC System.
- Record and maintain data of technical parameters of HVAC System (Chillers, AHUs, pump etc.).
- Attend complaint related to HVAC system.
- Pro-actively coordinate with Annual Maintenance Service Provider for preventive services, resolving complaints, if any and maintain records of visits by AMC service provider.
- Maintain data of AC service done, replacement of parts, if any.
- Maintain stock of consumable and key spare parts required for smooth functioning of the HVAC System.
- Plan and execute preventive periodical (weekly / fortnightly / monthly / quarterly) maintenance of HVAC System.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

### **ELECTRICIAN**

- Electrician should have done Diploma or Wireman course from recognized Institute / University.
- He should have work experience of 2 to 5 years.

- He should have knowledge and experience of HT – LT Panels, Transformer, Diesel Generator, Electrical Water Heaters, Solar Water Heater, UPS, Sound System etc.
- Monitor HT / LT panel readings.
- Operations and Testing of Diesel Generator.
- Monitoring and record reading of UPS.
- Routine checking and cleaning of Panels, LDBs, PDBs, UDBs etc.
- Operation of lighting on the campus including street lights.
- Attending electrical complaints.
- Assist in operation of Sound System.
- Execution of new electrical work, if any.
- Minimum 1 (one) electrician should be available on the campus round the clock i.e. 24 x 7 all days of the year.
- Electrician will work in 3 shifts of 8 hours each.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.

## **PLUMBER**

- Plumber should have done Certificate course in Plumbing / Fitter, from Industrial Training Institute (ITI) or any other recognized Institute / University.
- He should have work experience of minimum 7 years.
- He will be responsible for Operations of borewell, water transfer pumps etc.
- Note down level of water in tanks.
- Regular checking & repairing of plumbing facility at all toilets, washbasins, overhead tanks, drinking water coolers etc.
- Replacement of batteries in washbasin and urinal sensors.
- Maintenance of WC, Urinal, washbasin leakages.

- Repairing of current plumbing water supply / transfer lines.
- Laying of line for any new additional requirement.
- Attending plumbing related complaints.
- Coordinating Water Testing from Professional Laboratories.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

#### **FIRE AND SAFETY OFFICER**

- Fire & Safety Officer should have done Certificate course in Fire & Safety, from authorized Institute.
- Should have valid certificate / license required for performing this duty, as per applicable law.
- He should have work experience of minimum 5 years.
- He should have knowledge of Gujarat Fire Prevention and Life Safety Measures Regulation and other applicable laws.
- Plan and implement Workplace Health & Safety (WHS) policies, including Fire Protection Plan (FPP) for fire prevention. The plan shall identify both Fire and General safety guidelines.
- He will ensure that proper precautions are taken while execution of any kind of work on the campus. This includes work done by any third party (outsider) or internal staff.
- Conduct Risk Assessment on campus. The F & S Officer shall conduct on-site inspection on a regular basis to ensure that fire lanes are clear, material storage is located in accordance with the Fire Safety Plan (FSP) and not blocking fire access. Ensure flammable and combustible liquids are stored properly on the site or in the building(s).

- Prepare report on accidents. In case of any accident, he will prepare proper report for office records and legal compliance.
- The F & S Officer shall confirm that portable, properly rated and approved fire extinguishers are in their required positions. Conduct inspections of fire extinguishers on regular interval. Arrange replacement / addition of fire extinguishers, if required.
- The F & S Officer shall review proper identification and labelling requirements on flammable liquid and gas containers and cylinders. Confirm that the containers are properly stored in safe storage areas designated and identified by clearly demarcated signs and surrounded by stable barriers or fencing.
- Attend fire alarms.
- Daily checking of FHC on entire campus.
- Periodical checking of Jockey pump, Main Hydrant Pump and Diesel Pump.
- Regular cleaning and re-installation of smoke detectors.
- Maintenance of Hydrant post and Hose reel.
- Conducting periodic Mock Drill and providing training to Security and other staff.
- Coordinate renewal / issuance of “Fire NOC / License” from authorized government department.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

## **GENERAL MAINTENANCE EXECUTIVE (EXCLUDING TECHNICAL MAINTENANCE)**

- He will be responsible for overall general repairs & maintenance of the campus (excluding repairs and maintenance of Technical Services).
- He will be the first contact point for all general repairs & maintenance work.
- He will maintain the complaint register for all general Repairs & Maintenance work.
- He will immediately inform Facility Manager about the complaints received for repairs and maintenance work (for example – electrical, plumbing, drainage, water heaters, lift, civil, gypsum, carpentry work, AC, keys etc.).
- He will work in coordination with Facility Manager and ensure overall cleaning and maintenance of the campus.
- He will ensure that the complaints are attended and resolved at the earliest.
- He will maintain extra set of keys for all the locks.
- He will prepare detailed housekeeping schedule and supervise overall housekeeping work on the campus.
- He will provide proper training to Housekeeping staff / pantry boy.
- He will ensure availability of housekeeping material and maintain proper stock.
- He will be responsible for proper coordination and disposal of garbage.
- He will attend all the guests staying at IIPHG hostel / guestroom.
- Maintain proper Guest register.
- He will coordinate allotment and takeover of hostel rooms to students, guests.

- He will suggest and supervise reports maintained for housekeeping work and general maintenance work on the campus.
- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

#### **HOUSE KEEPING SUPERVISORS.**

- Housekeeping Supervisor will be responsible for overall housekeeping work at the campus.
- He will prepare detailed housekeeping schedule so that the cleaning work is done efficiently and in given time, without disturbing office / class activities.
- He will monitor / supervise the cleaning work done by the housekeeping staff.
- He will provide proper training to the Housekeeping staff.
- He will prepare and maintain proper housekeeping reports.
- Maintain all areas (constructed / unconstructed) in a perfect state of cleanliness. Cleaning including general work areas, classrooms, lobby, cabins, all meeting/conference rooms, washrooms, and pantries, staircase, common area, parking area, walk-way etc.
- Proper use of chemicals and other cleaning agent.
- Systematic collection and disposal of garbage.
- Have necessary stock and tools to perform the cleaning & Housekeeping activities.
- He will always be in uniform and carry I-card.
- He will always take-care of all the assets and equipment of the Institute.



- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

#### **PANTRY BOY CUM OFFICE ASSISTANT**

- The Pantry Boy will do the pantry job. Preparation of tea & coffee and serve the same to all IIPHG employees / Guests.
- Attending visitors, promptly providing water, tea, coffee, and other needs.
- Maintain cleanliness in pantry area.
- Cleaning utensils and keeping them at their respective places.
- Emphasis on quality & hygiene.
- Arranging conference/meeting rooms as per the requirement.
- Serving lunch/snacks during the meetings.
- Help office staff in taking photocopy, scanning, filing etc.
- Help in conducting student activities, events, exams etc.
- Maintain Office stationery inventory.
- He will always be in uniform and carry I-card.
- He will always take-care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

#### **HOUSE KEEPING STAFF (MALE AND FEMALE)**

- Perform diversified cleaning and housekeeping activities on the Premises.

- This includes cleaning of all constructed and unconstructed areas including drainage line.
- Cleaning of all buildings, classroom, office, workstation, auditorium, laboratory, library, dining hall, hostel, terrace, toilets, washbasins, cleaning of drainage line etc.
- Maintain all areas assigned in a perfect state of cleanliness. Cleaning including general work areas, all meeting/conference rooms/washrooms/ and pantries/stair case/common area etc.
- Collection and disposal of garbage.
- Shifting of furniture, as and when required.
- Carry out any other duty as instructed by the supervisor.
- He will always be in uniform and carry I-card.
- He will always take-care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.
- He will work in General Shift but, if required he may have to work in any other shift also.

**SCOPE OF WORK: DRIVER**

- The agency shall provide full time driver for Institute's vehicle.
- Person deployed as "Driver" should have valid Vehicle Driving License for driving LMV (4 Wheeler) and should have minimum 5 years experience of driving vehicle.
- Agency shall provide additional driver as a reliever to perform duties in absence of regular driver.
- General duty timings will be from 9:00 AM to 5:00 PM. If required driver will have to work for extra hours. Institute will pay for extra hours of duty, as per applicable norms.

- He should be local resident and should have knowledge of the city area.
- He will be responsible for driving institute vehicle and routine maintenance of the vehicle.
- Ensure vehicle is kept clean, tidy and in good working condition at all times
- Maintain high standard of service to both internal and external guests.
- Observe all the road and traffic laws and regulations of Indian Government.
- Ensure that safe driving practices are adhered to including local driving codes and internally agreed standards.
- He should ensure that copies of necessary documents like vehicle registration book, PUC certificate, vehicle insurance copy and any other certificates required, are available in the vehicle,.
- Ensure punctuality and safe transport;
- He should maintain proper logbook with usage of vehicles, daily mileage, fuel consumption, services etc. and will be readily available for checking any moment
- Institute vehicle will be stationed IIPHG campus only. Driver is not allowed to take vehicle to his residence.
- Assist the Admin Officer to ensure vehicle insurance and registration is updated according to schedule
- Ensure regular/day-to-day maintenance checks: check oil, water, battery, brakes, tyres, etc.
- If required, driver should be available for outstation travel and night stay also.
- Agency will be responsible for any accident or fine charged by concerned authority, arising due to negligence by driver.

- He will always be in uniform and carry I-card.
- He will always take care of all the assets and equipment of the Institute.
- He will never misbehave with any of the staff members / students and maintain proper discipline on the campus.
- He will strictly follow Safety rules and take all necessary safety precaution while on duty and performing any work.

#### **4. INTEREST FREE SECURITY DEPOSIT**

Selected Facility Management Agency will have to pay 10% of the total contract value towards Security Deposit. This Security Deposit will be Interest Free and will be returned within 90 days of concluding of the contract. Subject to smooth processing of PF withdrawal / transfer and other Full & Final Settlement of all staff members deputed at IIPHG.

#### **5. PAYMENT SCHEDULE**

**1.** IIPHG will make payment to Facility Management Service agency, on receipt of Invoice with all necessary supporting documents like

- a) Attendance Register dully stamped and signed by authorized signatory.
- b) Copy of monthly pay slip with acknowledgement of individual staff member. Pay slip to be issued to staff members deputed at IIPHG before 7<sup>th</sup> of preceding month.
- c) PF payment receipt, PF challan, PF ECR Copy.
- d) ESIC payment receipt, ESIC challan, ESIC detailed statement
- e) Receipt for payment made to Labour Welfare Fund.
- f) Any other documents.

**2. The rates quoted by the Agencies shall be applicable up to 31<sup>st</sup> March, 2021 from the date of awarding the Contract and may be extended for another one year with mutual contract on the same rates and Terms & Condition as mentioned in the initial Contract. No amendment in the rate except increase in the rate of applicable Taxes, as may be, during the period of execution of the Contract will be accepted.**

## **6. GUIDELINES FOR SUBMITTING PROPOSAL**

### **6.1. Preparing the Technical Proposal**

The Agency is required to submit a technical proposal and a separate Financial Proposal.

#### **6.1.1. Technical Proposal Submission Format:**

The Proposal should follow the format given below (but not necessarily limited to the following) and should be in English and formatted on standard A4 paper with single space, 12 point font Times New Roman and each page numbered consecutively. The proposal should capture the following information, with a maximum of 20 pages including references.

- a) Technical Proposal

#### **6.1.2. Agencies profile**

- a. Name and address of the Agencies.
- b. Year of establishment.
- c. Legal status of the Agencies – Whether Agencies is registered as a Limited company or partnership firm, etc. and details there of (e.g. – name(s) of partners, Managing Directors, Chief Executive Officers, key authorized person)
- d. Principal nature of activities undertaken.
- e. Organizational structure
- f. Communication details of the Agencies: mailing address, telephone and fax numbers, email address, etc.

#### **6.1.3. Past Experience**

- a. Past experience documents (enclose copy of the papers, letter of engagement, etc.)
- b. Name and addresses of institutions/organizations for which the Agencies has been providing similar service. (Indicate key person's name and contact details of such institutions/organizations).
- c. Reference letter for satisfactory services, for current and past contracts.

#### 6.1.4. Financial Status of the Agencies

- a. Total revenue and expenditure of the Agencies for the past three fiscal years. Copies of the certified Audited Annual Accounts in support of the Financial Status.

#### 6.1.5. Income Tax Details

Whether the Agencies is exempted from Income Tax? If yes, please furnish the exemption certificate number and date up to which exempted. A copy of exemption certificate is to be attached.

If no, furnish PAN/TAN/GST number, the copy of the latest Income Tax returns and assessment order.

#### 6.2. Preparing the Financial Proposal

- a. Filled GST Declaration Form and GST Details Form **(attached as Annexure-1 to this RFP)**.
- b. The Financial Quotes should be given as per the specification and items mentioned in the attached Financial Bid. **(attached as Annexure - 2 of this RFP)**.
- c. The total cost quoted should be exclusive of all taxes.
- d. The Financial proposal will be evaluated only if an Agency qualifies based on the assessment of the Technical proposal.

#### 6.3. Submission of Bids

- a. The Bidder shall submit a sealed cover consisting of these two sealed envelopes with a clear label for each:
  - i. Technical Proposal, super scribing on the right hand side top of the cover as Technical Bid (2 copies).
  - ii. Financial Proposal super scribing on the right hand side top of the cover as Financial Bid (2 copies).
- b. All the pages of the Financial Proposal shall be duly signed by the Authorized Signatory of the Bidder before submission. Corrections, if any shall be counter signed.

#### 6.4. General Instructions and Terms and Conditions

- a. The proposal along with all the correspondence and documents exchanged by the Agencies and IIPHG shall be written in English language.

- b. **Amendments to the RFP:** RFP Committee at IIPHG reserves every right to amend any of the RFP conditions or a part thereof, before the last date for the receipt of the RFP, if necessary. Amendments, if any, would be put on the website. The decision of extending the due date and time for the submission of RFP documents on account of amendments will be the sole discretion of IIPHG.
- c. **Reserved Rights:** IIPHG reserves the following rights with regard to this RFP:
- (i) To cancel this call for proposal at any stage without assigning any reason.
  - (ii) To disqualify any Applicant(s) based on Applicant(s) failure to follow solicitation instructions
  - (iii) IIPHG reserves the right to waive any deviations by Applicants from the requirements of this solicitation that in IIPHG 's opinion are considered not to be material defects requiring rejection or disqualification; or where such a waiver will promote increased competition;
  - (iv) Extend the time for submission of all RFP responses after notification to all Applicants;
  - (v) Terminate or modify the RFP process at any time and re-issue the RFP to whomever IIPHG deems appropriate;
  - (vi) IIPHG reserve the right to select and negotiate with those applicants it determines, in its sole discretion, to be qualified for competitive proposals and to terminate negotiations without incurring any liability;
  - (vii) IIPHG reserves the right to negotiate the fee or issue an award based on the initial evaluation of Applicants without discussion;
  - (viii) Award only part of the activities in the solicitation or issue multiple awards based on solicitation activities.
- d. No proposal shall be accepted unless it is properly sealed. Agencies shall not be allowed to fill in or seal their proposal at the IIPHG office. The documents should be sent by speed post/registered post/courier or hand delivered.
- e. If the envelope is found to be open, not sealed and not marked as instructed above, IIPHG will not be responsible for misplacement or premature opening of the proposal submitted. Any proposal opened prematurely due to this cause shall be rejected.
- f. The bidder is advised to attach any additional information that is considered necessary in regard to establish the capabilities. No further information will be entertained after submission of application unless it is required by IIPHG.

IIPHG, however, reserves the right to call for additional information and clarification on information submitted by the bidders.

- g. Proposals must be received by IIPHG at the address specified not later than the date and time specified in the Invitation of RFP. In case the specified date for the submission of proposal being declared holiday by the IIPHG, the same will be received on next working day with the same specified time. Proposals received after the due date and time specified will automatically be rejected.
- h. **Withdrawal of Proposals:** Applicants may withdraw proposal by written notice via email received at any time before contract. Proposals may be withdrawn in person by an offer or his/her authorized representative, if the representative's identity is made known and the representative signs a receipt for the proposal before award.
- i. **Opening of RFPs:** Sealed RFPs received up to **20<sup>th</sup> September, 2019, by 12:00 Noon** will be taken up for opening. RFPs received after specified date and time will not be accepted. IIPHG reserves the right to disqualify any of the RFP in case it is not satisfied with the documents furnished or otherwise without assigning any reasons thereof. **The Technical proposals will be opened on 20<sup>th</sup> September, 2019 - 4:00 PM** at IIPHG, address as mentioned. A representative from each Bidder is invited to be present. The Financial proposals of those Agencies qualifying on the basis of the assessment of Technical proposals will be opened **on 9<sup>th</sup> October, 2019 at 12.00 Noon** at IIPHG, address mentioned above. A representative from each qualifying Bidder may be present.
- j. Any efforts by Agencies to influence the IIPHG personnel or representatives on matters relating to proposals under study in the process of examination, clarification, evaluation and comparison of proposal and in decision concerning award of contract, shall result in the rejection of the Agencies proposal. Failing to execute the contract Agreement within the said period may result in termination of contract and award of the same to other Agencies/ agencies at the risk and cost of the Agencies.
- k. The person to sign the contract agreement shall be duly authorized.
- l. The RFP shall not bind IIPHG in any way whatsoever to offer any job to the applicant if it is decided to abandon the RFP.
- m. IIPHG assures that the documents and presentations by the applicants will be kept strictly confidential and will not be used for any purpose other than the process of selection of the final applicant. All documents created/prepared



during the assignment by the selected application shall be the property of IIPHG and they will have the rights associated with such documents.

- n. **Offer Verification:** IIPHG may contact applicant to confirm contact person, address, bid amount and to confirm that the bid was submitted for this solicitation.
- o. **Conflict of Interest:** Applicants must provide disclosure of any past, present or future relationships with any parties associated with the issuance, review or management of this solicitation and anticipated award. Failure to provide full and open disclosure may result in IIPHG having to re-evaluate selection of potential Applicants.
- p. **Arbitration:** Should any dispute arise, it may be referred to an Arbitrator appointed by mutual consent. The place of Arbitration shall be Gandhinagar.
- q. The cost of travel and stay of the officials from Agencies for attending meetings with IIPHG will be met by the respective Agencies.
- r. **All queries/correspondences pertaining to this RFP will be done through IIPHG Tender email i.e. [tenders@iiphg.org](mailto:tenders@iiphg.org)**

Hard copies of the Proposals should be addressed to:

**The Chairman**

**RFP Committee**

**RFP: IIPHG/ Gen (Admin)/ RFP/ FM - O & M / August 2019/003**

**At**

**INDIAN INSTITUTE OF PUBLIC HEALTH GANDHINAGAR**

Opp. Air Force Head Quarters, Nr. Lekawada Bus Stop, Gandhinagar – Chiloda  
Road, CRPF PO., Gandhinagar - 382042

The last date for submission of complete Proposal with all supporting documents (by hand or by post) is **20<sup>th</sup> September, 2019 by 12:00 Noon**. Any Proposal received after this prescribed time will not be entertained. IIPHG will not be responsible for any loss in transit or postal delay.

## 7. EVALUTION OF PROPOSAL

### 7.1. Evaluation Committee

An Evaluation committee formed by IIPHG would first examine the Technical bids based on the details provided in the Invitation for proposal for those Agencies who are short listed as per the qualification criteria. The Financial bids would be assessed only for those agencies whose technical bids are considered to be adequate and secure minimum Technical qualifying marks as mentioned in paras below.

### 7.2. Selection of Agencies

- a. Agencies are required to score a minimum of 70 points out of 100 in the technical proposal in order to qualify for the next step.
- b. Financial bid of Agencies will be opened only if the Agencies qualify in the Technical evaluation (score of a minimum of 70 points). **Financial bids will be opened on 9<sup>th</sup> October, 2019 at 12:00 Noon at IIPHG.**
- c. For the Final evaluation, the weightage for the Technical proposal, financial proposal, and Interview would be 60%, 20% and 20%, respectively.
- d. IIPHG shall reserve the right to negotiate with the Bidder whose proposal has been ranked as L-1, L-2 and L-3 (minimum three) by the Committee on the basis of Technical and Financial evaluations and the Interview.
- e. The submitted proposals will be valid for 60 days from the date of submission. IIPHG will make its best effort to select the Agencies within this period.

### 7.3. Technical Evaluation (60)

Technical evaluation shall be carried out based on the following:

Sr. No.	Evaluation Criteria	Maximum Score
1	Technical Approach	60
2	Experience in Facility Management (O & M) Services in large scale	20
3	Management Plan	10
4	Past Performance and Organizational Capacity	10
	Total Score	<b>100(will be recalibrated out of 60)</b>

#### i. Technical Approach: (60 points)

A technical approach that is well-conceived, technically sound, and result-oriented, which demonstrates a clear understanding of the requirement of the RFP. The

technical approach should describe the work flow chart along with a clear implementation plan, roles and responsibilities of the team, deliverables and timelines for accomplishing each job description. Please find below the criteria's to be taken care while evaluating Technical Bids:-

- a. Name and address of the Agencies
- b. Year of establishment
- c. Whether the Agencies is registered under Shop & Establishment Act., a Limited company or partnership firm, etc. and details thereof (e.g.-name (s) of partners, Managing Directors, Chief Executive Officers, Key authorized persons)
- d. Valid PAN and GST Registration in India
- e. Valid Registration under Provident Fund, ESIC, PT, and other legal and Labour Law regulations.
- f. Valid License / Registration under various Government Authorities.
- g. Minimum average annual turnover between Rs.1 crore (Rupees One Crore only) during the last three fiscal years ( 2016-17 , 2017-18 & 2018-2019)
- h. Previous experience of providing Facility Management – Operation & Maintenance services to Universities / educational institutes or other organizations having similar type of electromechanical setup.
- i. Agencies should not have been blacklisted by Central/State Government departments/Undertakings

**ii. Experience of Facility Management services on large scale: (20 points)**

This section should clearly describe the applicant's and its staff's experience in managing similar type of Facility Management – Operation & Maintenance Service contract along with description and pricing. The application should clearly mention the specific portfolio of clients of similar type and size, value (cost) of the works and timelines.

**iii. Management Plan: (10 points)**

The Management Plan will be evaluated based on its ability to achieve results. It must consist of a clear and concise description of how internal management plans, organizational structures, lines of communication and authority are conducive to effectiveness and timelines.

#### **iv. Organization capacity and past Performance: (10 points)**

Demonstrates an understanding of the RFP, (Whether the proposal demonstrates an understanding of the Facility Management – Operation & Maintenance Services. Past performance of significant works and other types of partnership in applications will be considered to the extent warranted by their involvement in the proposed effort.

#### **7.4. Interview (20)**

Those agencies who will qualify in the Technical Evaluation will be invited for a personal Interview, wherein, the agencies will be given time slot to give a presentation. Format of Presentation will be shared with the selected agencies via tender email after opening and scrutiny of Technical Bids.

#### **7.5. Financial Evaluation (20)**

Financial evaluation shall be carried out based on the following:

Cost will primarily be evaluated for reasonableness, realism, allowability and the agencies understanding of the work to be performed. Effective cost saving measures to improve cost efficiency of the project will also be considered. Applications that demonstrate realistic scenario to accomplish the job in a time-bound manner with minimal resources would be considered.

Full marks will be awarded to the lowest qualifying bidder. For subsequent bidders the marks will be a ratio of the lowest bidder. If the lowest bid is “X” and bid for “Y” needs to be evaluated then its marks will be "highest mark x (X/Y)” Once the Agencies is finalized, additional information and discussion will occur between the Applicant and IIPHG during development of detailed Technical proposal.

**All the Annexures shall form a part of this RFP.**

#### **8. CONTACT FOR MORE INFORMATION**

For all correspondence please refer to IIPHG general tender Email: [tenders@iiphg.org](mailto:tenders@iiphg.org) with subject line marked as “RFP for **IIPHG/ Gen (Admin)/ RFP/ FM - O & M / August 2019/003**”

#### **END OF RFP**

#### **DISCLAIMER:**

This RFP represents only a definition of requirements. It is merely an invitation for submission of concept paper and does not legally obligate IIPHG to accept any of the submitted RFP in whole or in part, nor is IIPHG obligated to select the lowest priced proposal. IIPHG reserves the right to negotiate with any or all applicants, both with respect to price, cost and/or scope of services. IIPHG has no contractual obligations with any offer or based upon issuance of this RFP. It is not an offer to contract. Only the execution of a written contract shall obligate IIPHG in accordance with the terms and conditions contained in such contract.

## 9. ANNEXURES

### 9.1 Annexure 1: Declaration for Goods and Services Tax Act, 2017 (GST)

#### Annexure-1

**(Refer to Paragraph 6.2, Sub Para a)**

#### **Declaration for Goods and Services Tax Act, 2017 (GST)**

I (*Name of Contractor/Vendor*) hereby undertake and confirm that I would take all necessary and required actions to prepare for ensuring compliances under Goods and Service Tax Acts (GST). I (*Name of Contractor/vendor*) further undertake to comply with any of the applicable provisions of such law including but not limited to:

- timely issuance of GST compliant invoices;
- making the invoices available to IIPHG;
- depositing applicable taxes on a periodic basis; and
- correctly reporting them to the Government

Under the said new Indirect Tax Law, any action or omission on part of the (*Name of the Contractor/Vendor*) as a result of which IIPHG incurs any direct or indirect cost, expense, loss, levy, penalty, interest, additional burden of tax etc., the same shall be recovered, by way of deduction and/or recovery from any amount payable to (*Name of the Contractor/Vendor*) by Indian Institute of Public Health Gandhinagar (IIPHG).

Declarant

Date:

\_\_\_\_\_

Name of the Vendor/Agency

(Authorised Signatory)

#### **Vendors/Agencies Details for GST**

Name of the Vendor/Agency as registered with GSTN	PAN	GSTIN Number	ARN Number	Description of Goods/Service	HSN / SAC Code	GST rate	Email ID	Contact No.	Address as registered with GSTN	City	State	Pin/ZIP

## 9.2 Annexure 2: Financial Bid Template

### Annexure – 2

(Refer to Paragraph 6.2, Sub Para b)

#### FINANCIAL BID TEMPLATE FOR FACILITY MANAGEMENT – OPERATIONS & MAINTENANCE SERVICES

<b>Sr. No.</b>	<b>Particulars</b>	<b>Qty.</b>	<b>Monthly Rate</b>	<b>Amount</b>
1	Facility Manager	1		
2	BMS Operator	1		
3	HVAC Operator & Technician	1		
4	Electrician	4		
5	Plumber	1		
6	Fire & Safety Officer	1		
<b>A</b>	<b>Technical Staff</b>	<b>9</b>		
1	General Maintenance Executive	1		
2	Housekeeping Supervisor	1		
3	Pantry Boy cum Office Assistant	1		
4	Housekeeping staff (male)	7		
5	Housekeeping staff (female)	3		
6	Driver	1		
7	Gardner	2		
<b>B</b>	<b>Non-Technical Staff</b>	<b>16</b>		
<b>C</b>	<b>Total Manpower Cost</b>			
C	Overheads @ _____			
D	Equipment cost			
E	Cleaning material cost including insecticide, pesticide.			
<b>F</b>	<b>Total per month</b>			
<b>G</b>	<b>GST @ _____ %</b>			
<b>H</b>	<b>Total with GST per month</b>			



**Detailed Breakup in support to Financial Bid (Part of Financial Bid – Annexure 2).**

<b>Sr. No.</b>	<b>Particulars</b>	Facility Manager	BMS Operator	HVAC O & T	Electrician	Plumber	F & S O	GME	HKS	P B & O A	HK - Male	HK - Female	Driver	Gardner
1	Category (Skilled / Semi Skilled / Unskilled)													
2	Gujarat State Minimum Wages (8 Hrs. Shift)													
3	Days													
4	Monthly Minimum wages													
5	Other Charges 1													
6	Other Charges 2													
<b>A</b>	<b>Total A</b>													
1	PF													
2	ESIC / Workmen Compensation													
3	Bonus													
4	Leave Encashment													
5	Labour Welfare Fund													
<b>B</b>	<b>Total B</b>													
1	Uniform													
2	Other Charges													
<b>C</b>	<b>Total C</b>													
	<b>Total Manpower Cost (A + B + C)</b>													

HVAC O & T = HVAC Operator & Technician, F & S O = Fire & Safety Officer, HKS = Housekeeping Supervisor, GME = General Maintenance Executive, PB & OA = Pantry Boy cum Office Assistant, HK = Housekeeping.



**Clarification in support to Financial Bid. (Part of Financial Bid)**

Please provide information on following points.

- 1) Your (Facility Management Service Agency) policy for Bonus amount payment to staff.

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- 2) Your (Facility Management Service Agency) policy for Leave Encashment amount payment to staff.

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- 3) Do you (Facility Management Service Agency) deduct any amount from staff salary towards uniform cost? If yes, kindly confirm the amount that you deduct from the staff salary.

- 4) What is covered in uniform?

- 5) How many uniforms, per person are covered in the cost quoted above?



**Breakup in support to Financial Bid (Part of Financial Bid – Annexure 2)**

**List of Equipment Required.**

<b>Sr. No.</b>	<b>Equipment Cost</b>	<b>Qty.</b>
1	Vacuum Cleaner	01
2	Grass Cutting Machine	01
3	Telescopic Pole	01
4	Housekeeping Room Service Trolley	03

### 9.3 Annexure 3: Brief details of current equipment installed at IIPHG.

#### **Annexure – 3** **(Refer to Paragraph 3.1)**

##### **A) HVAC System:**

- \* Chiller – 3 Nos., 80 TR, Make: Blue Box
- \* Primary Pumps – 3 Nos., 2.2 KW, Make: Kirloskar
- \* Secondary Pumps – 3 Nos., 5.5 KW, 44 M<sup>3</sup>/h Make: Bell & Gossett
- \* AHU- 32 Nos., 1000 to 7000 CFM, Make: Zeco
- \* FCU – 50 Nos., Make: Carrier
- \* TFA – 3 Nos., 720/1560/2280 CFM, Make: Zeco
- \* Split AC – 28 Nos., 1 to 2 TR, Make: Panasonic, Bluestar, Voltas, Daikin, Hitachi

##### **B) Fire System:**

- \* Fire Alarm system  
Total 6 Nos. Fire Alarm Panels, Make: Secutron
- \* Hydrant Pump – 49 hp, 97 M<sup>3</sup>/h Make: Kirloskar
- \* Jockey Pump – 7.5 hp, 10.8 M<sup>3</sup>/h
- \* Diesel Pump – 50 hp, 97 M<sup>3</sup>/h Make: Kirloskar
- \* Booster Pump –  
Admin Booster Pump – 12.5 hp, 10-17 lps, Make: Kirloskar  
Dining Booster Pump – 7.5 hp, 5.5-10 lps, Make: Kirloskar  
Hostel Booster Pump – 12.5 hp, 10-17 lps, Make: Kirloskar
- \* FHC – 30 Nos.
- \* Hose Box – 07 Nos.
- \* Extinguishers – 78 Nos.

##### **C) Electrical System:**

- \* HT Panel Room – 11 KV switching panel, Panel Make: Advance, Breaker Make: Schneider
- \* LT Panel Room – LT panels and Circuit breakers, Panel Make: Advance, Breaker Make: ABB
- \* Transformer – 1000 KVA 11/0.433 KV Transformer (Unitized Package Substation) Operational from Oct'16 , Make: Kirloskar Type: Dry Type
- \* DG – 2 Nos. DG Sets of Sudhir Make, operational from Oct'16.  
320 KVA DG – Model: SGC-320  
62.5 KVA DG – Model: SGC-62.5
- \* Lifts – 7 Nos. Lift of Kone Make, Operational from Oct'16
- \* Solar generation Plant – 30 KW Rooftop solar generation plant, Operational from Oct'16, Module Make: Topsun, Inverter Make:Kaco
- \* UPS

**D) Plumbing :**

- \* Fire Water Tank at Utility Block, Capacity – 1,00,000 liters
- \* Borewell – 49 KW motor
- \* Raw water Tank at Utility Block, Capacity – 75,000 liters
- \* Domestic Water Tank at Utility Block, Capacity – 1,12,000 liters
- \* Water treatment Plant:
  - 2 Nos. Filter pump of 5 hp each, 12 M<sup>3</sup>/h
  - Multi grade Sand Filter
  - Activated Carbon Filter
- \* 2 Nos. Transfer pump of 5 hp each, 8 M<sup>3</sup>/h
- \* Utility Block water supply Tank, Capacity – 2,000 liters
- \* Admin Part A Domestic water Tank, Capacity – 10,000 liters
- \* Admin Part C Fire water Tank, Capacity – 10,000 liters
- \* Admin Part C Domestic water Tank, Capacity – 10,000 liters
- \* Dining Fire water Tank, Capacity – 10,000 liters
- \* Dining Domestic water Tank, Capacity – 5,000 liters
- \* Hostel Fire water Tank, Capacity – 22,000 liters
- \* Hostel Domestic water Tank, Capacity – 20,000 liters
- \* Hostel Solar heater water supply Tank 2 Nos., Capacity – 1,000 liters each.
- \* Solar heater System:
  - Hostel terrace 12 Nos. and Dining terrace 7 Nos. Solar water heater System, Capacity 500 LPD, Make: Tata

**E) Sewerage Treatment Plant**

**F) Building Management System (BMS)**

**G) Video Conferencing**

**H) Audio Visuals – Sound System with Corded and cordless mic.**