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Request for Quotation (RFQ)

23 August, 2021

AFD: PUR: HSG: Fire alarm system

To,

Dear Sir,

Sub: **Request for Quotation (RFQ)** for “**Fire alarm system**” as mentioned in annexure.

We invite your most competitive offer for **Fire alarm system** as per detailed specifications. Your offer should be based on following considerations:

1. The offer should reach:-Amulfed Dairy (Previously known as Mother Dairy-A Unit Of GCMMF Ltd) Plot No-35, Nr. Indira Bridge, Ahmedabad - Gandhinagar Highway. Village Bhat, Dist - Gandhinagar. Pin - 382 424.
2. Due Date: **August 30, 2021, Before 17:00 hours**
3. The offer should be submitted in sealed cover super scribing on the top left hand corner offer for AFD: PUR: HSG: “**Fire alarm system**” If it is not super scribed it can be liable for rejection. Offer in mail is accepted. For vendor registration form send only hard copy.
4. Offer received after due date for whatsoever reason may be rejected. We will not be responsible for postal delays.
5. Offer should valid for acceptance for 60-90 days from date for submission of offer.
6. The price should be quoted with all details.
7. **Specify your tax condition.** Non indication of above levies will mean that prices are inclusive of all taxes and above levies.
8. Realistic and earliest completion period should be indicated in offer.
9. It will not be binding on us to accept the lowest offer.
10. Right to accept/reject any/all offers without assigning reason is reserved by us.
11. Offers which are incomplete or not meeting the conditions are liable for rejection.
12. Payment terms against successful installation & trial run within 30 days. If the payment term is document through bank, all banking charges shall be borne by the suppliers.
13. **Herewith this we are attaching vendor registration form please fill it up & provide along with offer, without vendor form offer must not consider.**

We are an ISO 9001: 2008, ISO 14001:2004 and ISO 22000:2005 company; we follow sustainable eco-friendly processes in our organization and expect the same to be followed at your end. We emphasis on energy efficient system and utilization of renewable energy systems in a eco friendly and sustainable way.

Note: If required please visit premises with prior confirmation before quote. Please arrange visit between 2:00 P.M. to 5:00 P.M. in working day. In reverse auction only technical eligible vendors will be invited to participate and result/outcome of reverse auction shall be considered as final & binding to all.

We may go for trial run at our plant and if failed, you have to take back. To & fro transport charges, P&F etc in bidder scope.
Share test report of each and every items used in manufacturing.

Mail id as mentioned below.

Shri Hardik Gajjar : hardik.gajjar@amul.coop

Shri Sunil Sharma : sunil@amul.coop

Shri D. B. Dodiya : safety.mdg@amul.coop

Yours Faithfully,

For Amulfed Dairy,

Purchase Depart.

A. BOQ FOR FIRE ALARM SYSTEM

SR. NO.	MATERIAL	ITEM/ MATERIAL SPECIFICATIONS	QTY	UNIT	RATE OF SUPPLY (S)	RATE OF INSTALLATION (I)	TOTAL (S + I)
1	FOUR ZONE FIRE ALARM PANEL	Supply, Installation Testing and Commissioning of IS / UL Listed and FM approved 4 Zone Conventional Fire Alarm Panel. Provided with 2 hours battery backup. Make- Ravel / System Sensor.	1	No.			
2	SMOKE DETECTOR	Supply, Installation, Testing and Commissioning of UL listed and FM approved Intelligent Addressable Smoke /Fire detector with Fire Print Technology having responsiveness of photoelectric, thermal, and false alarm resistance along with standard base. The detector shall have 11 sensitivity level and with tri color LED, Green for Normal, Amber /yellow for trouble and Red for alarm. Make- Honeywell-Notifier <i>Note:- These detectors are to be looped and addressed with existing Notifier panel at our plant</i>	60	Nos.			
3	BEAM DETECTOR	Supply, Installation, Testing and Commissioning of beam detector having 100 meter of detection range. Unit have a trans-receiver and a reflector. With proper mechanism of alignment. Having set parameters of sensitivity to avoid false alarm. Make- Ravel / System Sensor.	4	Nos.			

4	SOUNDER HOOTERS /	Supply, Installation, Testing and Commissioning of UL listed and FM approved HOOTER/ SOUNDER cum flasher. Make- Ravel / System Sensor.	2	EA			
7	MANUAL CALL POINT -MCP	Supply, Installation, Testing and Commissioning of UL listed and FM approved Single action Manual Call Point. With a cover on it, it can be operated by pushing the button with a fiber cover which can be open and push mechanism Make- Ravel / System Sensor.	2	EA			
8	CABLES	Supply, Installation, Testing and Commissioning of armor cable of 1.5 sq. mm, 2 core FRLS , Red color, copper wire, Make:- Polycab / RR Kabel / Finolex / Havells / KEI	1200	Meter			

Note : Mentioned quantity is approx and estimated, final payment will be processed on JMS/actual quantity usage basis.

B. TECHNICAL SPECIFICATIONS

1.0 SCOPE OF WORK :

Work under this section shall consist complete supply, installation testing and commissioning of Fire Alarm System for all locations as per the drawings and specified here in after or given in the Bill of Quantities.

After completion of work contractor needs to prepare an as built drawing of the system and handover it to client with all relevant certificates and documents.

Without restricting to the generality of the foregoing, the fire safety system shall include the following:-

- a) Fire Alarm Panels**
- b) Smoke Detectors**
- c) Beam Detectors**
- d) Cables**
- e) Hooters**
- f) Manual Call Points**

2.0 FIRE ALARM WORK :

2.1 GENERAL REQUIREMENT:

Contractor shall supply all the materials as per IS 2189 / TAC approved, best quality conforming to the specifications and subject to the approval of the client or his representative. If so directed, materials shall be tested in an approved testing laboratory & the contractor shall produce the test certificate in original to the Engineer-in-charge & the entire charges for original as well as repeated tests shall be borne by the contractor.

Contractor shall install all the detectors and cables with proper conduits and fittings in good workmanship.

Contractor shall fix all the accessories truly as per approved drawing/guidance given by client and as per the direction of client engineer.

Contractor shall fix all the accessories truly vertical, horizontal or in slopes as required in a neat workman like manner.

Panels and detectors shall be fixed in a manner as to provide easy accessibility for testing and repair and maintenance and shall not cause obstruction in shafts, passages etc.

Panels, detectors, cables, hooters and manual call points shall be securely fixed to walls and ceilings by **suitable clamps or supports as mentioned in IS code**. Only approved type of clamps and anchor fasteners shall be used for RCC ceiling and walls.

2.2 FIRE ALARM PANEL:

Contractor shall supply and install a conventional four zone fire alarm panel as per IS 2189 as per client's advice and a complete record of certificate to be submitted to client.

Contractor shall provide 1 years of guarantee/warranty certificate.

Contractor shall install panel in good workmanship and tested with it's all functionality also it's operation and maintenance training to be given to client's representative and then handed over it to client.

Contractor shall address panel properly and a written list of addresses with location to be given to the client.

Contractor shall submit the client the certificate and an SOP for it's operation to be submitted to client immediately after installation.

2.3 SMOKE DETECTORS:

Contractor shall supply and install addressable smoke detectors as per IS2189 and to install it as per approved drawing/layout.

Contractor shall install , program and address the detectors in our existing Notifier Panel.

Contractor shall install the smoke detectors at proper locations so that it can efficiently detect smoke and with feasibility of future maintenance.

Contractor shall tagged permanently with numbers on all the detectors and follow proper cabling to be done with proper clamps/saddles in good workmanship.

All the clamps and saddles needs to be approved by client before installation.

Contractor shall provide 1 years of guarantee/warranty certificate.

Contractor shall provide a testing and demo on smoke detector's functions to client's representatives.

Contractor shall submit all the certificate and an SOP for it's operation to client immediately after installation.

2.4 BEAM DETECTORS:

Contractor shall supply and install the beam detectors as per the requirements of IS 2189 and to install it as per approved drawing/layout.

Contractor shall install the beam detectors at proper locations so that it can efficiently detect smoke and with feasibility of future maintenance.

Contractor shall provide 1 years of guarantee/warranty certificate.

Contractor shall tagged permanently all the detectors with numbers and proper cabling to be done with proper clamps/saddles in good workmanship.

All the clamps and saddles needs to be approved by client before installation.

After installation all contractors a testing and demo on beam detector's functions to be given to client's representatives.

After installation of beam detectors contractor shall provide tuning of false alarm generated as per client site condition and set parameters accordingly to avoid miscommunication in future.

Contractor shall note that Beam detectors will be under trail for 30 days from the date of installation as this is a new accessories for client and it's payment will be released after satisfactory period of trial else it will be returned to contractor.

After installation contractor shall provide a demo all the certificate and an SOP for it's operation to be submitted to client immediately after installation.

2.5 HOOTERS:

Contractor shall supply all the hooters as per the requirements of IS 2189 and to install it as per approved drawing/layout and prominent locations as advised by client.

Contractor shall provide 1 years of guarantee/warranty certificate.

Contractor shall install the system with feasibility of future maintenance and proper cabling to be done with proper clamps/saddles in good workmanship.

Contractor shall tagged all hooters permanently with numbers.

All the clamps and saddles needs to be approved by client before installation.

After installation contractor shall provide a demo on hooters operation to client's representatives.

2.6 MANUAL CALL POINT - MCP:

Contractor shall supply all the MCPs are as per the requirements of IS 2189 and to install it as per approved drawing/layout and prominent locations as advised by client.

Contractor shall provide 1 years of guarantee/warranty certificate.

Contractor shall install the system with feasibility of future maintenance and proper cabling to be done with proper clamps/saddles in good workmanship.

Contractor shall tagged all MCPs permanently with numbers.

All the clamps and saddles needs to be approved by client before installation.

After installation contractor shall provide a demo on MCPs operation to client's representatives.

2.7 CABLES:

Contractor shall supply all the cables as per IS standard, armor cable are 1.5 sq. mm, 2 core FRLS , Red color, copper wire, this is of Polycab / RR Kabel / Finolex / Havells / KEI make.

Contractor shall provide 1 years of guarantee/warranty certificate.

Contractor shall install the system with feasibility of future maintenance and proper cabling to be done with proper clamps/saddles in good

workmanship.

All the clamps and saddles to be approved by client before installation.

Wherever suggested by client proper PVC conduits to be provided.

COMMISSIONING OF SYSTEM:

Before commissioning the entire system, the contractor shall set panel parameters and power supply properly to ensure it's proper functions.

As soon as the work is complete, the system shall be commissioned and made available for use. Requirement of fire alarm system is equally important during occupation of the building.

Contractor shall prepare an as built drawing of the system and submit it to client.

Contractor shall prepare and fix auto glow signage for all the accessories on 5mm thick ACP sheet.

Contractor shall prepare and install Guidelines /SOP for operation and maintenance of fire alarm system on 5mm thick ACP sheet.

3.0 TESTING OF THE SYSTEM:

After successful installation of fire alarm systems mentioned in work order, contractor shall carry out proper testing of the fire alarm system in presence of client's representatives and a written record of testing also to be submitted to client.

4.0 HANDING OVER:

Contractor shall submit the client a work completion certificate with all the test records and certificates signage to be submitted to client in a hard copy and soft copy as well, with operation and maintenance manual and SOPs.

Contractor shall provide a detailed training on operation and maintenance of fire alarm system to clients representatives.

C. SAFETY REQUIREMENTS:

GENERAL REQUIREMENT:

1. Contractor must submit Medical Fitness certificates for all the workers after award of contract and before commencement of any work.
2. Contractor has to depute qualified supervisor at site who has knowledge of safety and precautions of height work and electrical work.
3. Contractor supervisor/in-charge must brief these safety guidelines-requirements and other work related safety precautions to all their workers and record of the same is maintained and submitted to Safety Officer AFD.
4. Contractor has to brief and made aware all their workers that they understand the importance of House Keeping and always maintain good housekeeping while work and after work.
5. For any critical work contractor has to plan properly with AFD in-charge and Safety Officer-AFD before work.
6. Contractor has to take advice of Safety Officer-AFD for any confusion / threat regarding safety of the workers and plant.
7. For any controversy or immediate threat to safety of person and plant the decision of Safety Officer – AFD is final.
8. Contractor has to take permission in work permit of client in-charge /engineer every day before working inside plant, in no condition work shall be started without proper work permit.

PPES:

1. Contractor has to ensure sufficient quantity of following PPEs provided for their workers all the time at workplace and made arrangement for it's upkeepment with effect from first day of work.
 - a. Safety Shoes
 - b. Safety Helmet (Make KARAM / UDYOGI)
 - c. Cut Resistance Hand Gloves
 - d. Cotton Hand Gloves
 - e. Safety Goggles
 - f. Face Shield (Make KARAM / UDYOGI)
 - g. Safety Belt - Full Body, Double Lanyard, Scaffold Latch Hook (Make KARAM / UDYOGI)
2. Contractor has to ensure use of all the required PPEs at work.

EQUIPMENTS:

All the following mentioned equipments must be ISI marked and tested / calibrated by Third Party and contractor has to submit testing / calibration certificate before commencement of work.

1. Hand Grinder:

- a. Grinding m/c must be in good condition having no defects
- b. Having identification and testing labels on it
- c. Guard must be there always on the grinding wheel
- d. Body earthing if metal body
- e. Having given body earthing and always connected with ELCB
- f. Having intact supply cable with top plug and no joints allowed

2. Rod-Pipe cutter m/c:

- a. Rod-Pipe cutter must be in good condition having no defects
- b. Having identification and testing labels on it
- c. Guard must be there always on the cutting wheel
- d. Having given body earthing and always connected with ELCB
- e. Having intact supply cable with top plug and no joints allowed

3. Hand Drill and other portable tools:

- a. Hand Drill and other portable tools must be in good condition having no defects
- b. Having identification and testing labels on it
- c. Guard/lock must be there always on the machine
- d. Body earthing if metal body
- e. Having given body earthing and always connected with ELCB
- f. Having intact supply cable with top plug and no joints allowed

4. Extension Board:

- a. Required Number of Portable Extension boards needs to provided by contractor
- b. All the extension board have proper fiber/wooden cover
- c. All the extension board must have 1 female plug of industrial type 1-phase, 1 female plug of three-pin
- d. Extension boards having provision of earthing wire
- e. Extension board must have ELCB on it
- f. Having intact supply cable with top plug and no joints allowed

5. Portable-Extension Ladder:

- a. Only Certified ladder is to be used and certificate to be shown by contractors
- b. MOC:- Aluminium
- c. With antiskid steps/rungs
- d. Single width
- e. Extension slot having proper rope and hooks for resting / sliding

6. Scaffolding:

- a. Scaffolding is required whenever there is a requirement of work at height at above 2 meter height where there is no platform railing and proper approach to work.
- b. It is to be kept / arrange by contractors
- c. Scaffolding Material must be of MS
- d. Provided with Pipes, clamps, diagonal supports, side supports and Jali (Khapeda) for platform of work.
- e. Railing of pipe to be fixed one length above Jali (khapeda)
- f. Scaffolding must be erected at equal level on floor

7. Life-Lines Ropes :

- a. Minimum 1 nos. if required.
- b. It is the rope for anchorage of safety belt
- c. Make:- KARAM / UDYOGI
- d. Fire-Proof, dope-dyed polyester webbing
- e. Length- 20 mtr, Strength – 15 kN
- f. Equipped with ratchet tensioner for quick and easy tensioning of the life line between two supports
- g. Built in shock absorber in it

8. Lifting Equipments, Tools & Tackles (Chain Pulley Block / Hoist / Wire Rope Sling / Lifting Belt / Lifting Chain/ Winch Machine / Hydra / Crane etc.):

- a. Testing Certificate is must in Form No. 10 by Competent Person for all the lifting Equipments, Tools & Tackles used at AFD by contractor.
- b. The equipment must be in good conditions without any defect and with all the required accessories

SAFETY GUIDELINES FOR WORK:

1. Hot Work (Welding, Cutting, Grinding etc.) & Other Maintenance Work:

- a. Use of Safety Shoes, Safety Helmet, Cotton hand gloves, Goggles is must for all the workers at work
- b. Use of Welding Helmet, Welding Gloves and Welding Blanket is must while welding work
- c. Use of Cut resistance hand gloves and face shield is must while grinding and cutting
- d. Use of Cut resistance hand gloves, face shield and welding blanket is must while Gas Cutting
- e. Ensure proper electrical, mechanical and pneumatic isolation and purging of the equipment/pipe line/ if working on any running plant/process or inside any department
- f. If required apply dummy on incoming & out going lines
- g. Take Work Permit from concern AFD in-charge when working on any running plant/process or inside any department
- h. Remove all the flammable material from the area and barricade the area properly
- i. Use Fire blankets or made arrangement such that the spark fall in safe zone.
- j. Ensure availability of Fire Extinguisher / Water nearby
- k. Make proper housekeeping after work and never kept any flame unattended.
- l. If the area is congested and having flammable material check the nearby area after work
- m. For hot work on gas & oil line ensure gas/LEL level is checked by AFD in-charge and it is not exceeded
- n. No loose connection and joints are allowed in cables (All the cables connected with plug top)
- o. Never perform ant hot work near painting work
- p. Never perform any hot work nearer to any gas line or oil line
- q. Never perform any hot work inside any tanks, drainage etc. confined place

2. Height Work (Above 2 meter of Height):

- a. Use of Safety Shoes, Safety Helmet, Cotton hand gloves, Goggles and Safety Belt is must for all the workers working at height.
- b. Ensure that there must be proper platform and approach to work at height with hand railing and ladder at height.
- c. If there is no platform then must use scaffold which is made as per IS 3696 standard to approach height.
- a. Scaffold must have made with Base Plate, upright, putlog, diagonal braces, handrail, jhali-khapeda for platform.
- b. All the persons are going to work at height are advised to make proper scaffold as describe above.
- d. Portable aluminium ladders must be used for climbing height of scaffold / platform and it is to be fixed on scaffold.
- e. Ladders are used only for ascending-descending height not for any work at height.
- f. When ladder is used for ascending-descending height it must be fixed with firm structure or hold properly at base.
- g. Use of Safety Belt is must while working at height above 2 meter.
- h. Use Life lines for anchoring of Safety Belt wherever there no other means of anchorage.
- i. Use intact rope for shifting tools and equipments at height.

- j. Do not carry anything while climbing the ladder.
- k. Cordon the below area.

3. Material Lifting/Shifting Activity:

- a. Use of Safety Shoes, Safety Helmet, Cut Resistance Hand Gloves, Goggles, Safety Belt and ladder is must for all the workers involved in Material Lifting / Shifting Activity working at height
- b. Lifting equipment (Crane, Hydra, Chain Pulley, Man-lift) must be in good condition, no leakages and defects should be there. Provided with latch lock in hook
- c. Submit a copy of Form No. 10 and Valid operator license (if required) to AFD/PFP in-charge
- d. Submit a weekly crane maintenance report and in case crane/hydra stands more than 1 day in AFD/PFP, submit everyday inspection report to AFD/PFP in-charge.
- e. Lifting tackles i.e. wire rope Sling must be with cladding, Belts, D-shackles must be intact and no defects in it, Submit Form No. 10 for it.
- f. Equipment must be selected based on load capacity considering material to be lifted /shifted.
- g. Lifted material must be tied with 3 meter or more length rope for guiding it.
- h. Cordon the surrounding area.
- i. Never left suspended load unattended.

PENALTY:

For Not following safety requirements of AmulFed Dairy and violating any safety norms of AmulFed dairy penalty of Rs. 5000 will be imposed for each violation.

D. GENERAL RULES:

1. Site Clearance with removal of scrap and good housekeeping to be done by contractor regularly.
2. No Gutkha / Pan MasalaTobaco / Cigarette / Match Boxes and smoking is permitted inside premises if found Rs. 10000 penalty will be imposed and No Entry to be Done for that person.
3. Bring all the vehicles with license and PUC and RC book.
4. For 2 wheelers helmet is must for gate entry and for 4 wheelers seat belt must be fastened.
5. Park your vehicle at parking places only.
6. Gate pass must be carried with all the persons of contractors.
7. Our unit is a Food Plant, so do not enter any area without permission of dairy in-charge, unless you allotted.
8. Maintain a good conduct and discipline at site.
9. For any violation and misbehave with client, contract/work order will be terminated by client without any payment for work.

VENDOR REGISTRATION FORM

(FOR AUTHORIZED, DISTRIBUTORS/DEALERS/STOCKISTS, TRADERS,
SERVICE PROVIDERS)

1. Category
Item/Service for : which registration is sought
2. Name of Firm :
3. Address of Reg.
Office : E-mail :
Phone (with STD Code) :
4. (a) Name of Contact Person :
(b) Status of the firm : (Outside Gujarat, If any)
5. In case, Partnership
firm :
(a)
(b)
(c)
6. If Proprietary Concern – Name :
7. If Private/Public Ltd. Co. :
(Memorandum of Association to
be enclosed)
8. Year of Establishment of the firm :
9. Category of items handled by you and their details :

Item catg.	Size	Make	Manufacturer	Name
------------	------	------	--------------	------

of Agency (Enclose a copy of Dealership/Agency approval letter from manufacturers)

10. Name and address of the dealer / depot from where you get delivery of item offered to us :
11. Please enclose details of Manufacturer of the products offered to us :
12. GST No. :
13. PAN No :
14. Excise Reg. No. :

(Please enclosed Photocopies of above registration certificates)

15. Last 03 Years Sales (Business) of your firm
(Avg. in Rs. Lacs):
I (From to) Rs.
II (From to) Rs.

III (From to) Rs.

16. List of leading buyers from you for the products (services) offered to us
17. Item Category Name and address of buyer Annual business (Rs. Lacs)
18. Name of Bankers
19. IT Clearance certificate no. and date (Enclose a copy)
20. Latest annual report/ Auditor's Certificate
21. In case you are/were a supplier / service provider to co-op. dairies in Gujarat, please mention (If yes then attach purchase order copy with this form)
 - (a) Name of dairy
 - (b) Item supplied
 - (c) Quantities supplied per year
22. If the business is discontinued with any of the reasons :
23. Whether any of your relatives are working with us or with our member dairies, if so, details
24. Please enclose product catalogs, specification, standard price list etc. for the item category being offered to us.
25. FSSAI No (If applicable) - _____ Valid From _____ Valid Upto _____
Kindly attach a copy of the same.
26. Any other information you would like to furnish to us.

THE ABOVE INFORMATION IS TRUE IN ALL RESPECTS AND WE UNDERTAKE TO INFIRM YOU IF ANY CHANGE IN THE ABOVE PARTICULARS REGARDING OUR BUSINESS FROM TIME TO TIME.

PLACE : SIGNATURE OF AUTHORISED
REPRESENTATIVE

DATE : OF THE FIRM UNDER PROPER SEAL

FOR

OFFICE

USE

VENDOR

NO:

★ INFORMATION RECEIVED IS FOUND TO BE SATISFACTORY

ENDORSED BY

RECOMMENDED

APPROVED

PURCHASE EXECUTIVE
MANAGER

TEAM LEADER

GENERAL

PURCHASE

CHECKLIST OF DOCUMENTS TO BE SUBMITTED

- COPY OF PAN CARD
- COPY OF GST REGISTRATION
- COPY OF BALANCE SHEET OF LAST THREE YEARS
- COPY OF TIN REGISTRATION – MSMED REGISTRATION

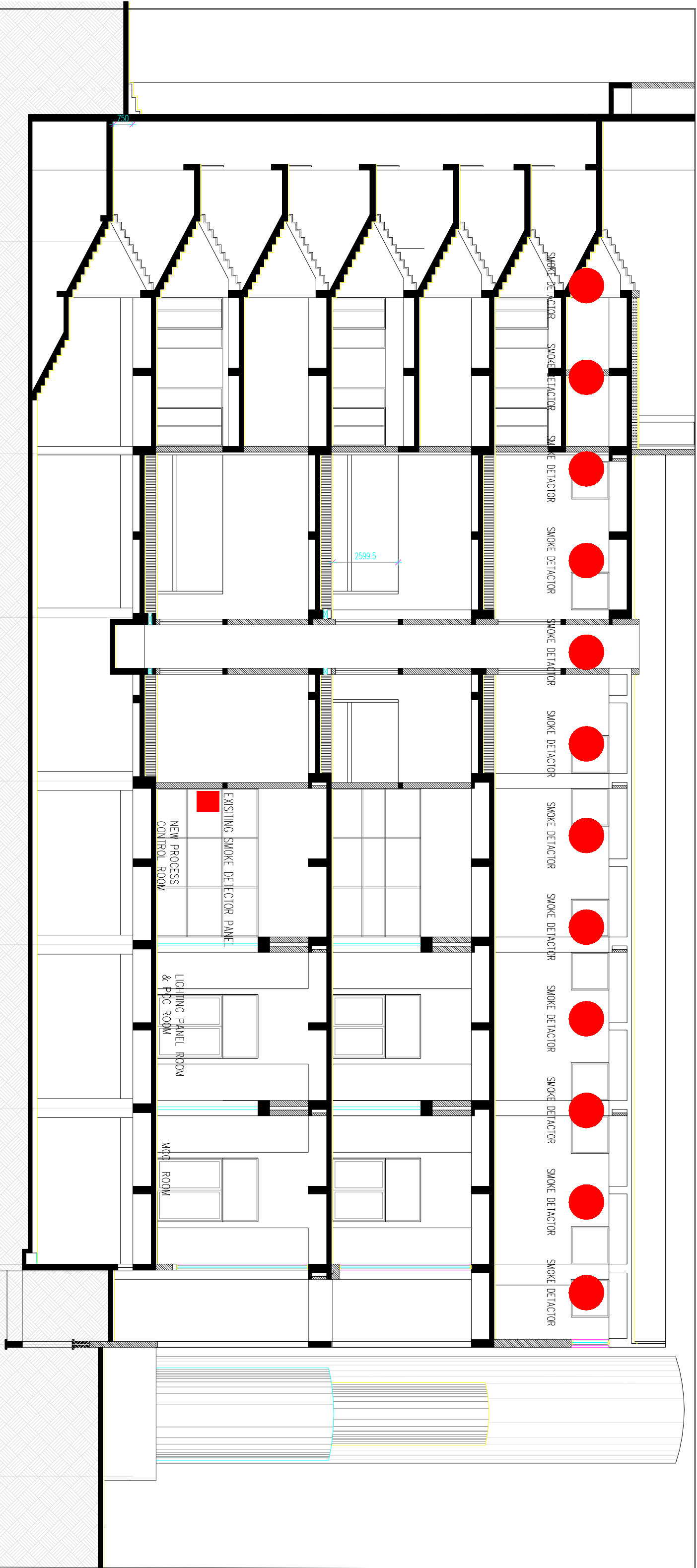
- COPY OF INCOME TAX RETURN OF LAST THREE YEARS
- COPY OF ISO CERTIFICATIONS (IF ANY)
- COPY OF SERVICE TAX REGISTRATION

PLEASE SEND THE FILLED FORM ALONG WITH ALL DOCUMENTS AS MENTIONED ABOVE TO THE FOLLOWING ADDRESS:

GENERAL MANAGER

AMULFED DAIRY, (A UNIT OF GCMMF LTD)

PLOT NO 35, Nr. INDIRA BRIDGE, AHMEDABAD-GANDHINAGAR HIGHWAY,
P.O. BHAT- 382428 GANDHINAGAR



Drg. No. :- Smoke detection System Sectional Elevation			
Drafted By	Date	Checked By	Approved By
Ashwin Patel	17-08-2021	Sh. D. B. DODIYA	Sh. P.K.SARKAR

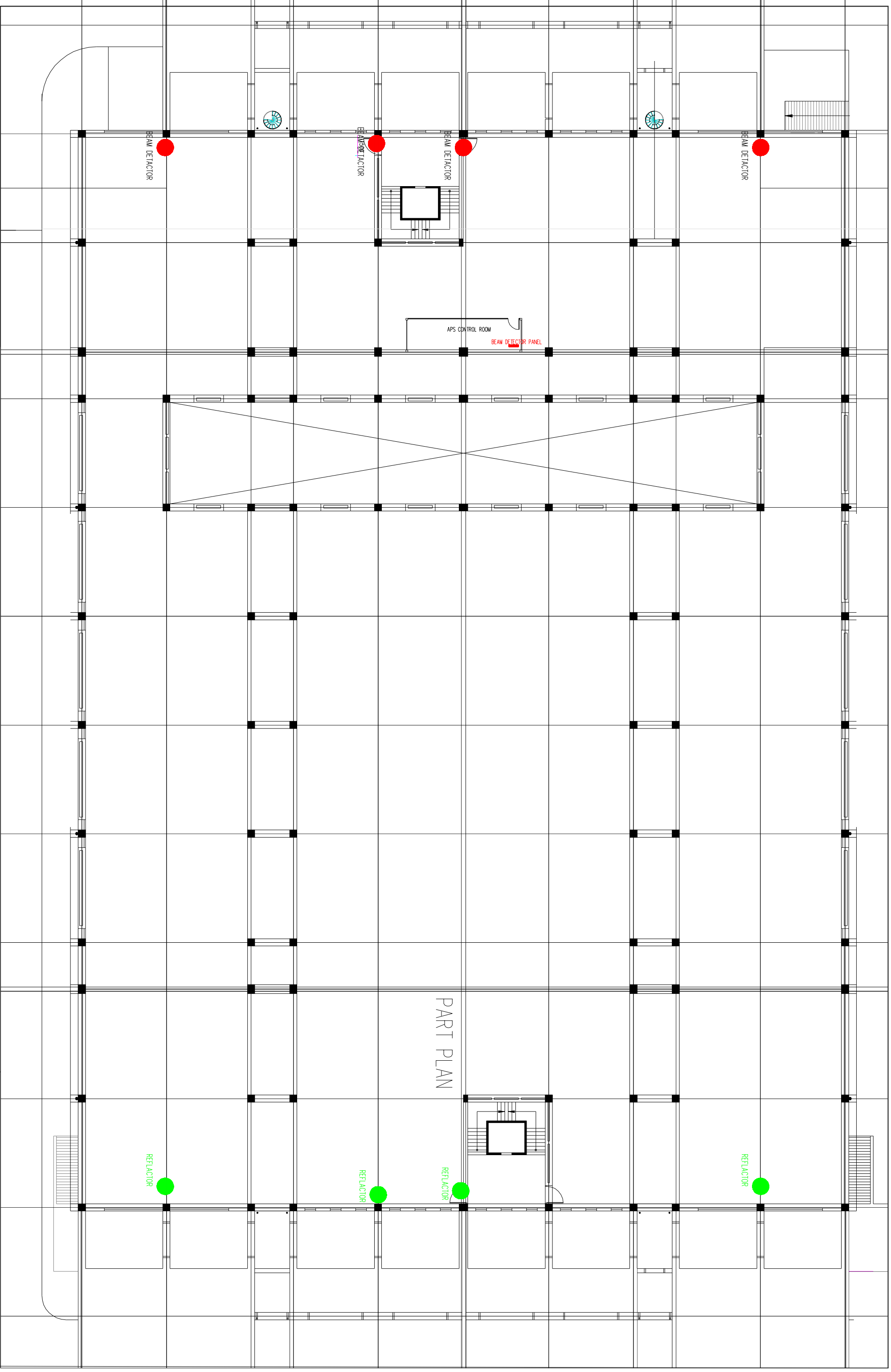
SMOKE DETECTION SYSTEM FOR
BUTTER PLANT SECOND FLOOR STORE.



AMULFED DAIRY
A UNIT OF GUJARATI CO-OPERATIVE MILK MARKETING FEDERATION LTD.
GANDHINAGAR

CIVIL DEPARTMENT

Drng. No. :- Beam detection System Plan		
Drafted By	Date	Checked By
Ashwin Patel	17-08-2021	Sh. D. B. DODIYASH. P.K.SARKAR
Approved By		

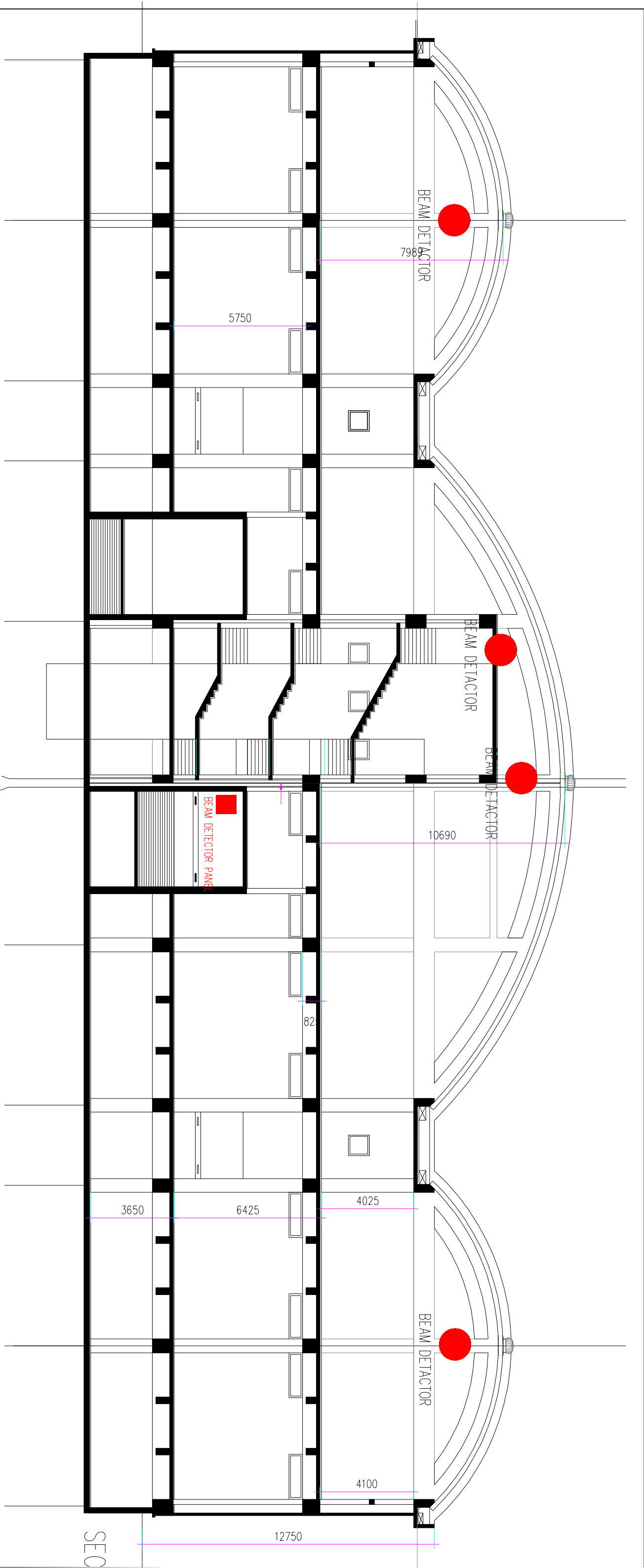


**BEAM DETECTION SYSTEM FOR APS
FIRST FLOOR STORE.**



AMULFED DAIRY
A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LTD.
GANDHINAGAR

CIVIL DEPARTMENT



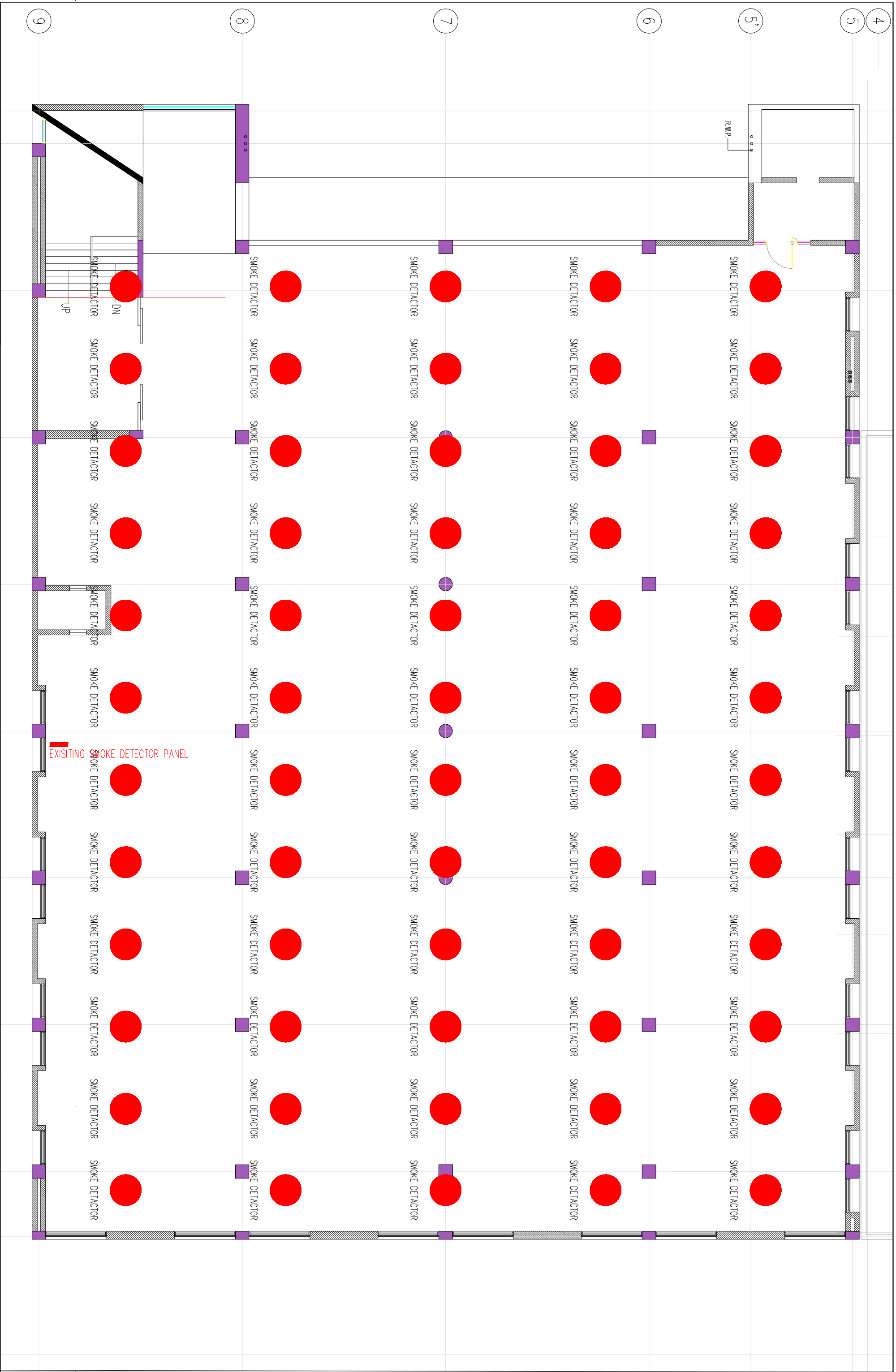
Drng. No. :- Beam detection System Sectional Elevation

Drafted By	Date	Checked By	Approved By
Ashwin Patel	17-08-2021	Sh. D. B. DODIYASH.	P. K. SARKAR

BEAM DETECTION SYSTEM FOR APS
FIRST FLOOR STORE.

 <p>AMULFEED DAIRY A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LTD. GANDHINAGAR</p>	<p>CIVIL DEPARTMENT</p>
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SEC



Drng. No. :- Smoke detection System Plan			
Drafted By	Date	Checked By	Approved By
Ashwin Patel	17-08-2021	Sh. D. B. DODIYA	Sh. P.K.SARKAR

**SMOKE DETECTION SYSTEM FOR
BUTTER PLANT SECOND FLOOR STORE.**



AMULFED DAIRY
A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LTD.
GANDHINAGAR

CIVIL DEPARTMENT