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# Firefighting System Upgrade

## REQUEST FOR PROPOSAL

21 May 2018

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RFP18-004-Facilities-Firefighting System Upgrade

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Procurement Section  
009714336110  
[Procurement@biosaline.org.ae](mailto:Procurement@biosaline.org.ae)

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## I. GENERAL INFORMATION

### 1. Purpose

The purpose of this RFP is to invite qualified, experienced and reputable specialized companies to provide us with full major maintenance for our firefighting system in compliance with Dubai Civil Defense for the International Center for Biosaline Agriculture (ICBA).

### 2. Instruction to Bidders

Bidders are requested to read the bidding documents carefully to be able to submit a responsive proposal. In submitting the proposal, bidders must respect all instructions, forms and specifications contained in this bidding document. Failure to submit a proposal containing all the required information and documentation within the deadline specified may lead to the rejection of the proposal.

### 3. Deadlines

|  |               |
|--|---------------|
| Deadline for requesting clarifications, meeting, site visit... | Sept 20, 2018 |
| Deadline for submission of proposals                           | Sept 26, 2018 |

### 4. Submission of Proposals

Proposals must be submitted in sealed envelopes at ICBA reception or electronically through ICBA procurement website: <http://procurement.biosaline.org/>

### 5. Proposal Contents

Proposal responses should include the following:

- a. The Bidder company valid trade license (or equivalent)
- b. 3 Client references
- c. Company Brochure or Website URL
- d. ISO certifications if any

### 6. Validity of Proposal

Proposals must remain valid and open for the acceptance of ICBA for 120 days from the RFP closing date. Proposals specifying a shorter acceptance period may be considered as non- responsive proposals.

### 7. Incomplete and Late Offers

Incomplete and late proposals will not be accepted. It is the bidder's responsibility to ensure that the proposal is submitted complete, on time and in accordance with the RFP terms and conditions.



## 8. Inquiries

Bidders may submit questions in writing through e-mail to the following address and before the deadline stated in the deadlines table:

Contact name : Ms. Imane Boujidane

## Senior Procurement Executive

Tel. no. : 009714 3361155- Ext. 201

Email : [Procurement@biosaline.org.ae](mailto:Procurement@biosaline.org.ae)

Any clarification issued by ICBA will be communicated in writing to all the bidders before date stated in the table above. No further clarifications will be given after the stated date.

Note: Any clarification issued by ICBA will be communicated in writing to all the bidders & will be published on ICBA- Procurement website: [www.procurement.biosaline.org](http://www.procurement.biosaline.org)

Any prospective bidders seeking to arrange individual meetings with ICBA or any of its employees concerning this contract during the bidding period may be excluded from the bidding process.

## 9. Alteration of Proposals

Bidders may alter their proposals by written notification prior to the deadline for submission of proposals stated in this RFP. No proposals may be altered after this deadline.

## 10. Eligible Bidder

Bidders considered eligible to submit proposals are defined as follows:

- Entity /organization that is legally registered to do business in UAE and can provide a valid certificate of legal registration/ trade registration license.
- Entity /organization approved by Dubai Civil Defense
- Bidder must Have the technical and financial capacity to perform this Contract successfully.

## 11. Costs for preparing proposals

Under no circumstances will, ICBA, be liable for any costs incurred in connection to the preparation and submission of proposals even if ICBA decides to reject all the proposals or cancel the bid.

## 12. Clarification

During the evaluation process, ICBA may request additional information and meetings from bidders if it is necessary for further clarifications regarding the submitted proposal.

## 13. Evaluation of proposals

Each Proposal will first be examined to determine compliance with requirements identified in this RFP:

- Company Trade license (or equivalent)
- Company Clients' References
- Company profile

Only compliant proposals will pass to the technical and financial evaluation.

The proposals will be evaluated against the criteria below:

| Range     |     | Criteria   | Weight     |
|-----------|-----|--|------------|
| Non-Price | 50% | Company expertise, clients' reference, presence in the market<br>Offer complies with the scope required (equipment brand, maintenance, SLA...) | 20%<br>30% |
| Price     | 50% | Price  | 50%        |

#### 14. Amendments

During the proposal submission period, if ICBA decides to modify/ change any requirement/s of the RFP, the modification/s shall be released through the issuance of an amendment to the RFP. Any amendment will be issued in writing and will be sent to all bidders.

#### 15. Confidentiality

The entire evaluation procedure is confidential, and all proposals are for official use only and may be communicated neither to the bidders nor to any party other than ICBA.

#### 16. Bid Cancellation

ICBA has the right at any stage in the bidding process to cancel the whole bid without the need to give a justified reason to any of the bidders. Bidders will be notified in writing of the cancellation.

#### 17. Discussion/Negotiation

ICBA may initiate discussions should clarification or negotiation be necessary. Bidders should be prepared to provide qualified personnel to discuss technical and contractual aspects of the proposal.

#### 18. Award Letter & Contract

ICBA reserves the option of contracting only for a portion of the specified project scope or of not awarding a contract to any bidder. Final approval to enter into a contract, the contract form and the scope of services to be provided pursuant to the contract, rests with ICBA. A contract may be awarded to more than one bidder based on the quality of the proposals and ICBA's needs. Please note that an award letter is not a contract and can be withdrawn at ICBA sole discretion.

Bidder's Failure to accept the award at the time of receiving notification from the bidder will give ICBA the right to award the contract to the next bidder.



## 19. Bidder Responsibility

It is the responsibility of each bidder before submitting a proposal:

- To examine thoroughly the contract documents and other related data identified in the proposal documents.
- To consider federal and local laws and regulations that may affect costs, progress, performance or furnishing of the service.
- To promptly notify the Procurement Section of all conflicts, errors, ambiguities, or discrepancies in or between the contract documents and such other related documents.

## 20. Governing Law and Language

This Bid is subject to and shall be construed according to the applicable laws and regulations of the United Arab Emirates. The bid documents and all notices pursuant to the provisions thereof shall be in English (except for UAE government companies).

## II. SCOPE OF SERVICES

Contractor shall provide ICBA with:

- 1- S full inspection of ICBA firefighting system.
- 2- A thorough technical report required repairs, services, maintenance and upgrade.
- 3- List of material and equipment to purchase to maintain and upgrade the current system. An indicative list is provided in Annex A based on our periodic preventive maintenance of Q1 of our firefighting system.



## Annex A

### Proposed Material List

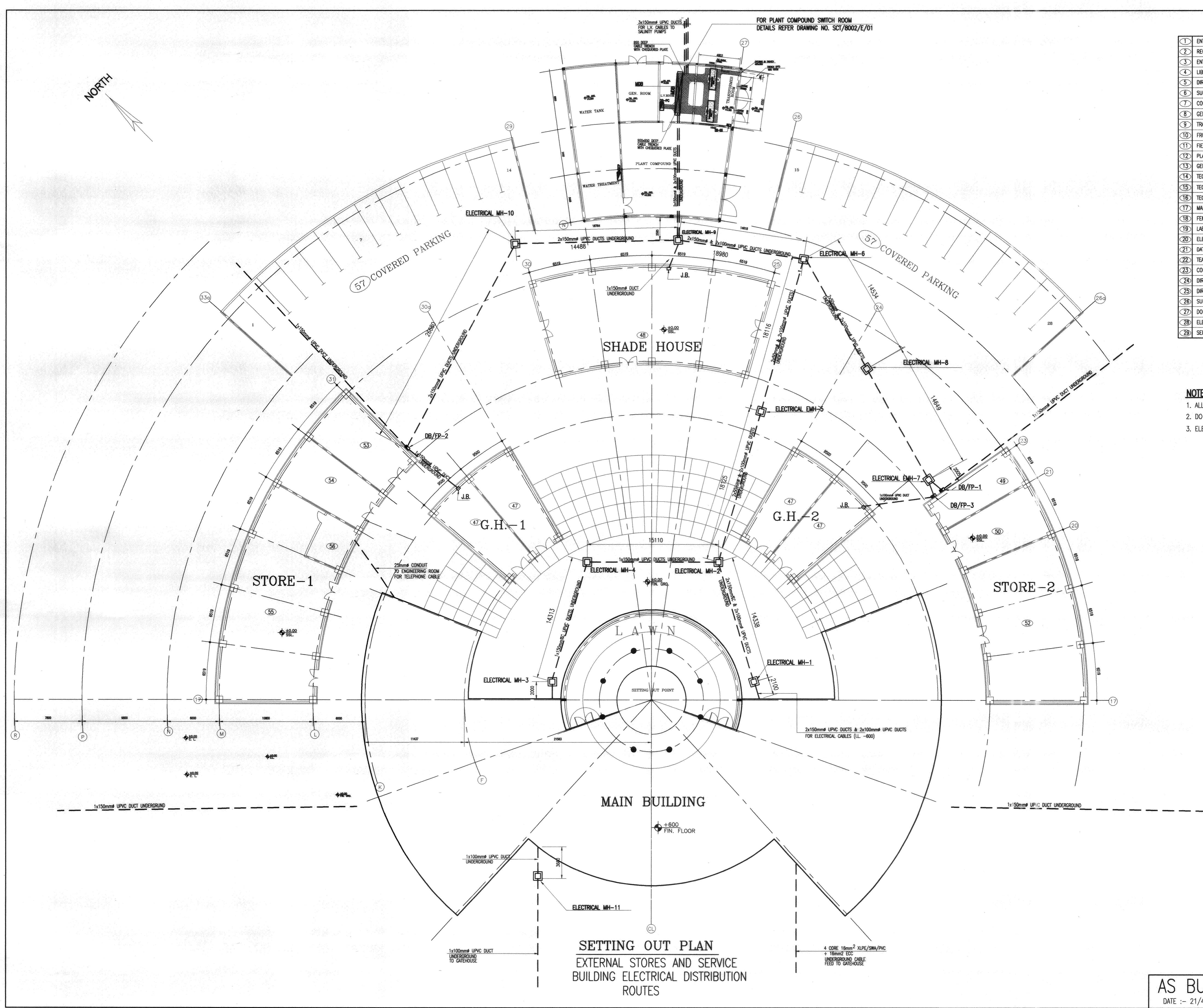
| SN | Item Description  | UOM  | Qty. | Remarks  |
|----|---|------|------|--|
| 1  | Two Loop Control Panels, UL/FM Approved, Model: SR-P2LR - Shield with Loop Extension Card, SMS alarm System               | EACH | 1    |  |
| 2  | Repeater Panel. UL Listed, Shield   | PCS  | 1    |  |
| 3  | Addressable Photo-Electric Smoke Detector, UL/FM Approved, Shield   | PCS  | 76   |  |
| 4  | Addressable Heat Detector, UL/FM Approved, Shield   | PCS  | 5    |  |
| 5  | Addressable Dual Action Manual Pull Station, UL Listed, Shield with Back Box  | PCS  | 19   |  |
| 6  | Addressable Open Area Sounder, Red, UL Listed, Shield   | PCS  | 18   |  |
| 7  | Addressable Switch Monitor Input/Output Module, UL Listed, Shield   | PCS  | 10   |  |
| 8  | Addressable Dual Priority Switch Monitor Module, UL Listed, Shield  | PCS  | 8    |  |
| 9  | Self-Contained Emergency Light 1 x 8W, IP65, CE Approved - Megalith   | PCS  | 32   |  |
| 10 | Emergency Luminaire, 1 x 8W Surface Mounted, Maintained with self-Adhesive Exit Legend, IP-65                             | PCS  | 15   |  |
| 11 | Emergency Exit Light, Pescara 1 x 8W Maintained, 3 x 1.5 Ah, 3 Hrs - Megalith (Hanging Type)                              | PCS  | 4    |  |
| 12 | Supply, Installation, Cabling with Testing & Commissioning Including PVC Conduits and Fitting Charges (if it is required) | LOT  | 1    | Map and drawing in annex B.<br>it is preferable if the bidder check the infrastructure in its site visit and estimate the required cables quantity. to be changed to perform these services. |
| 13 | Hose for 4.5 Kg Dry Powder Fire Extinguisher  | EACH | 1    |  |
| 14 | Hose with Horn for 4.5 Kg Co2 Fire Extinguisher   | EACH | 4    |  |
| 15 | Pressure Tank 60/100 Liter (For Extinguisher)   | EACH | 1    |  |

|    |  |      |    |   |
|----|--|------|----|---|
| 16 | 220V AC Indicator Lamp for Fire Pump Controller - Green (For Replacement)  | EACH | 2  |   |
| 17 | Drum only for Fire Hose Reel   | EACH | 2  |   |
| 18 | All Fittings & Accessories for Fire Hose Reel  | EACH | 1  |   |
| 19 | All Required Fittings & Accessories for Modification of Fire Pump Room Pipe Network  | EACH | 1  |   |
| 20 | Supply, Installation, Testing & Commissioning of FM-200 Fire Suppression System - 375 LBS, HFC-227ea Agent Cylinder, UL Listed/FM Approved - FIKE (LV Room: Volume: 240 Cub. Mtr. Area:48, Ht:5.00 | LOT  | 1  | It is preferable if the bidder take the measurements during the site visit. |
| 21 | Supply, Installation, Testing & Commissioning of 50 GPM @ 9 BAR Horizontal End Suction (Electric + Diesel) Pump Set, UL Listed.  | LOT  | 1  |   |
| 22 | Refilling of Portable Co2 Extinguisher capacity 5kg  | EACH | 1  |   |
| 23 | Refilling of Dry Powder Ext. Capacity 4.5kg  | EACH | 2  |   |
| 24 | Hydrotesting & Refilling of Dry Powder Ext Capacity 4.5kg  | EACH | 12 |   |
| 25 | Hydrotesting & Refilling of Dry Powder Ext Capacity 04kg   | EACH | 2  |   |
| 26 | Hydrotesting & Refilling of Portable Foam Extinguisher capacity 9 letter   | EACH | 15 |   |
| 27 | Hydrotesting & Refilling of Dry Powder Ext Capacity 25kg Mobile  | EACH | 1  |   |
| 28 | Hydrotesting & Refilling of Portable Co2 Extinguisher capacity 5kg   | EACH | 13 |   |
| 29 | Hydrotesting & Refilling of Portable Co2 Extinguisher capacity 5lbs  | EACH | 1  |   |



## Annex B

### External Store & Service Building Electrical Distribution Routs



|    |                               |      |                              |
|----|-------------------------------|------|------------------------------|
| 1  | ENTRANCE                      | (30) | PRAYER ROOM                  |
| 2  | RECEPTION                     | (31) | MALE W.C.                    |
| 3  | ENTRANCE LOBBY                | (32) | FEMALE W.C.                  |
| 4  | LIBRARY                       | (33) | VISITORS (2)                 |
| 5  | DIRECTOR OF TECHNICAL PROGRAM | (34) | SUPPORT STAFF (4)            |
| 6  | SUPPORT STAFF (4)             | (35) | DIRECTOR OF ADMIN. & FINANCE |
| 7  | COMPUTER NET WORKING LEADER   | (36) |                              |
| 8  | GENETIC RESOURCES LEADER      | (37) | HALOPHYTES LEADER            |
| 9  | TRAINING LEADER               | (38) | IRRIGATION LEADER            |
| 10 | FRUIT & VEGETABLE LEADER      | (39) | SALINITY LEADER              |
| 11 | FIELD & FORAGE LEADER         | (40) | HYDROLOGY LEADER             |
| 12 | PLANT LAB                     | (41) | SOIL LAB (DIRTY)             |
| 13 | GENERAL LAB                   | (42) | SOIL LAB (CLEAN)             |
| 14 | TECHNICIANS (2)               | (43) | TECHNICIAN (2)               |
| 15 | TECHNICIANS (2)               | (44) | TECHNICIAN (2)               |
| 16 | TECHNICIANS (2)               | (45) | TECHNICIAN (2)               |
| 17 | MALE W.C.                     | (46) | TERRACE                      |
| 18 | FEMALE W.C.                   | (47) | GREEN HOUSES                 |
| 19 | LAB STORE                     | (48) | SHADE HOUSE                  |
| 20 | ELECTRICAL ROOM               | (49) | DRYING ROOM                  |
| 21 | DATA STORE/HERBARIUM          | (50) | MEDIUM TERM SEED STORE       |
| 22 | TEA DISCUSSION ROOM           | (51) | LONG TERM SEED STORE         |
| 23 | CONFERENCE ROOM               | (52) | SHORT TERM SEED STORE        |
| 24 | DIRECTOR GENERAL              | (53) | SEED THRESHING SHED          |
| 25 | DIRECTOR GENERAL SUPPORT      | (54) | POTTINGMEDIA MIXING SHED     |
| 26 | SUPPORT STAFF                 | (55) | FIELD MACHINERY STORE        |
| 27 | DONOR RELATION LEADER         | (56) | ENGINEERING ROOM             |
| 28 | ELECTRICAL ROOM               | (57) | COVERED PARKING              |
| 29 | SERVICE KITENETTE             | (58) | M & E SERVICE COMPOUND       |
|    |                               | (59) | DIRECTOR GENERAL'S TOILET    |

## LAYOUT INDEX

**NOTES:**

1. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE NOTED.
2. DO NOT SCALE THE DRAWING.
3. ELECTRICAL MANHOLE SIZES AS AGREED

| F   | 21/4/99 | DM    | REVISED AS BUILT  |
|-----|---------|-------|---|
| E   | 28/1/99 | DM    | REVISED AS BUILT  |
| D   | 13-9-98 | DM    | LAYOUT INDEX REVISE AS PER ARCHITECTURAL LAYOUT         |
| C   | 17-8-98 | DM    | REVISED AS PER CONSULTANT'S COMMENTS                    |
| B   | 25-7-98 | DM    | LV ROOM & TRANSF. ROOM REVISED AS PER DEWA REQUIREMENTS |
| A   | 20-7-98 | DM    | REVISED   |
| REV | DATE    | DRAWN | DESCRIPTION   |

# BIOSALINE AGRICULTURE CENTRE

CLIENT:  
**SAGRIC INTERNATIONAL  
PVT LTD**

MAIN CONTRACTOR  
*HIGGS & HILL LLC*  
P.O. BOX 23360 TEL. DXB: 338833

DUBAI U.A.E. FAX BXB :338979  
ARCHITECT & CONSULTANT  
*JOHN R HARRIS & PARTNERS*  
DESIGN AND PLANNING CONSULTANT-ARCHITECTS  
P.O. BOX 2225

DUBAI U.A.E. FAX BXB :314484  
CONTRACTOR

**SCIENTECHNIC**  
**ELECTRO MECHANICAL CONTRACTS DIVISION**

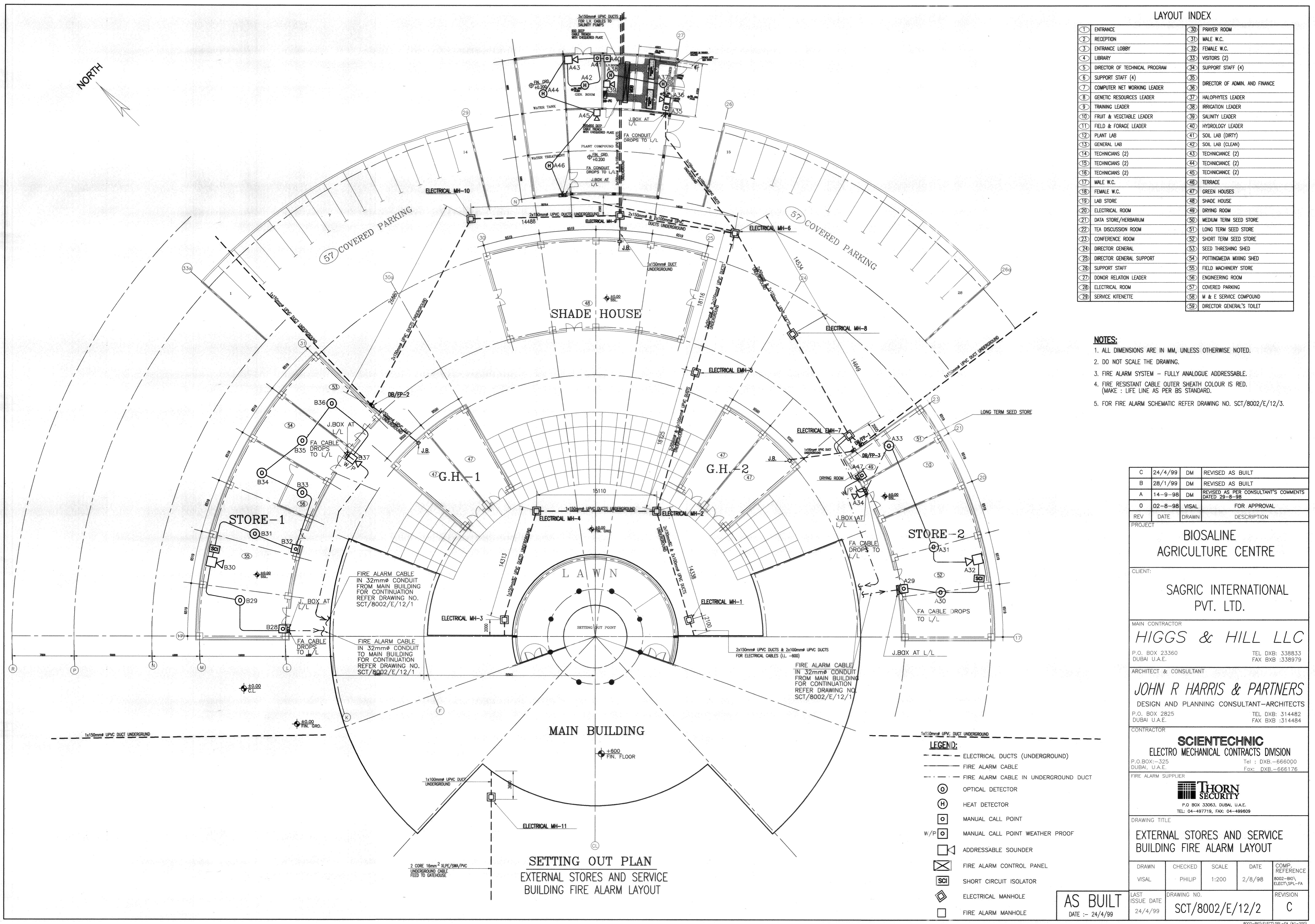
P.O.BOX:-325 Tel : DXB.-666000  
DUBAI, U.A.E. Fax: DXB -666176

DRAWING TITLE  
**EXTERNAL STORES AND SERVICE  
BUILDING ELECTRICAL DISTRIBUTION  
ROUTES**

| DRAWN                         | CHECKED       | SCALE | DATE   | COMP.<br>REFERENCE           |
|-------------------------------|---------------|-------|--------|------------------------------|
| DM                            | UDAY          | 1:200 | 2/6/98 | 8002-BIO\\<br>ELECT\\SPL-ELE |
| LAST<br>ISSUE DATE<br>21/4/99 | DRAWING NO.   |       |        | REVISION<br>F                |
|                               | SCT/8002/E/02 |       |        |                              |



## External Stores & Service Building Fire Alarm Layout





## Fire alarm drawing

## NOTES:

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1. ALL Dimensions are in inches (centimeters optional).  
2. ALL THE CONSTRUCTION is in stainless steel.  
3. ALL THE CONSTRUCTION is in stainless steel.  
4. DO NOT SIGHT - FOR DIMENSIONAL REFER APPROPRIATE DRAWINGS.  
5. FIRE ALARM SYSTEM - FULLY ALARMED APPROPRIATE.  
6. FIRE ALARM SYSTEM - FULLY ALARMED APPROPRIATE.  
7. FIRE ALARM SYSTEM - FULLY ALARMED APPROPRIATE.  
8. FIRE ALARM SYSTEM - FULLY ALARMED APPROPRIATE.  
9. FIRE ALARM SYSTEM - FULLY ALARMED APPROPRIATE.

### Legende

**GROUND FLOOR PLAN - MAIN BUILDING**  
**FIRE ALARM & EMERGENCY LIGHTS LAYOUT**

**Legend**

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.  
2. ALL THE GROUNDS ARE 20MM UNLESS OTHERWISE NOTED.  
3. NOT TO SCALE. NOT TO SCALE. NOT TO SCALE.  
4. DO NOT SCALE. NOT TO SCALE. NOT TO SCALE.  
5. FIRE ALARM STATION - FULLY ADDRESSABLE.  
6. BELL - NOT TO SCALE. NOT TO SCALE.  
7. NOT TO SCALE. NOT TO SCALE. NOT TO SCALE.

**NOTES:**

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.  
2. ALL THE GROUNDS ARE 20MM UNLESS OTHERWISE NOTED.  
3. NOT TO SCALE. NOT TO SCALE. NOT TO SCALE.  
4. DO NOT SCALE. NOT TO SCALE. NOT TO SCALE.  
5. FIRE ALARM STATION - FULLY ADDRESSABLE.  
6. BELL - NOT TO SCALE. NOT TO SCALE.  
7. NOT TO SCALE. NOT TO SCALE. NOT TO SCALE.

**AS BUILT**  
DATE - 24/10  
SHEET NO. 1 OF 1

**EMERGENCY LIGHTING**  
SCHEMATIC CEASARO UNIT-2

**EMERGENCY LIGHTING**  
SCHEMATIC CEASARO UNIT-1

**HIGGS & HILL LLC**  
P.O. BOX 2200  
TEL: 04-497778 (ext. 04-498509)  
FAX: 04-498511  
E-MAIL: [info@higghill.com.au](mailto:info@higghill.com.au)  
COMPANY: **SCIENTECHNICS**  
PROJECT: **BIOSALINE AGRICULTURE CENTRE**  
FIRE ALARM SYSTEM

**THORN SECURITY**  
P.O. BOX 3003, DUBLIN, IRELAND  
TEL: 00-353-21-457778 (ext. 00-353-21-458509)

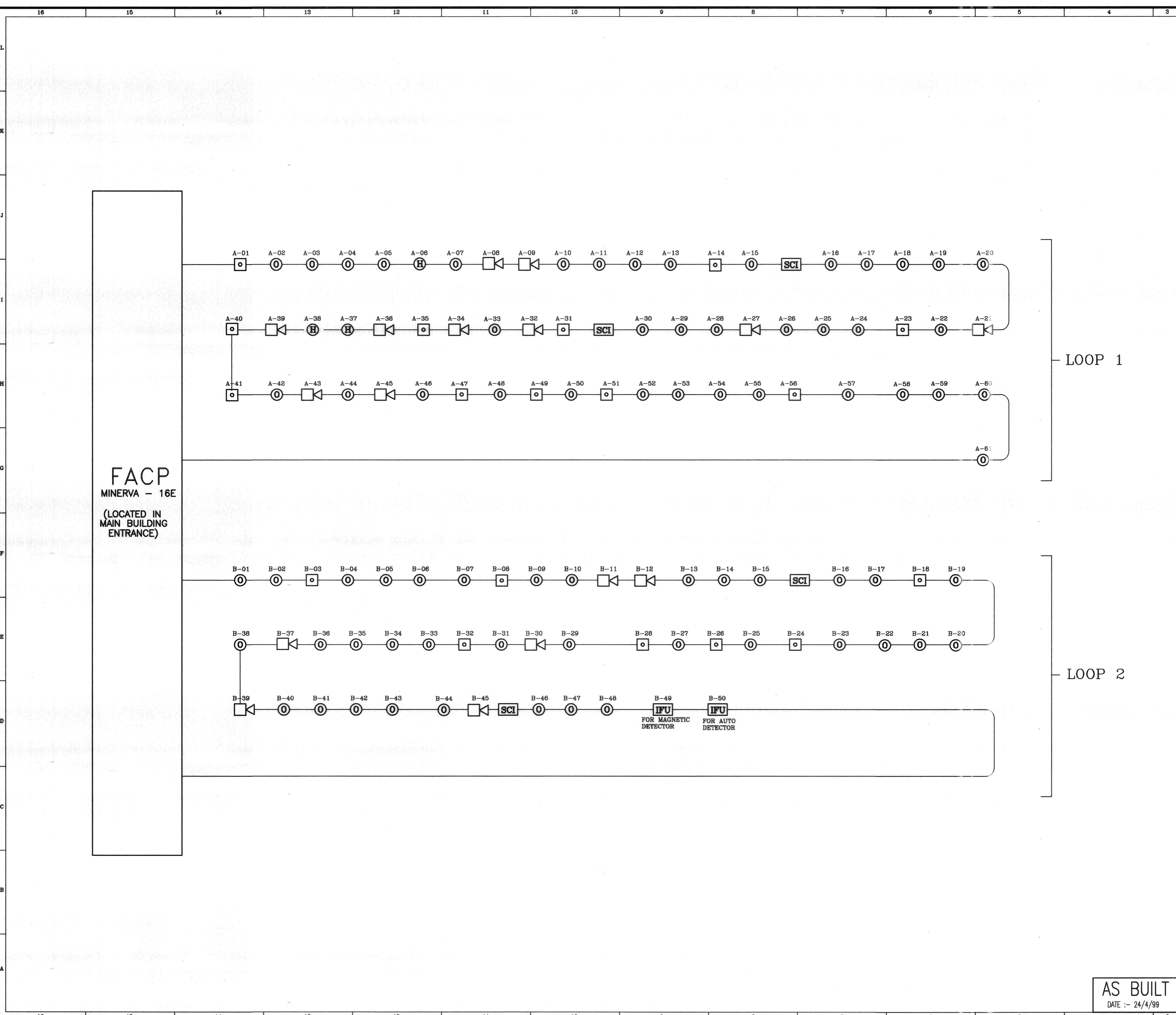
**BIOSALINE AGRICULTURE CENTRE**  
PROJECT: **BIOSALINE AGRICULTURE CENTRE**  
FIRE ALARM SYSTEM

**GROUND FLOOR PLAN**  
**MAIN BUILDING**  
**FIRE ALARM & EMERGENCY LIGHTS LAYOUT**

**Layout Index**



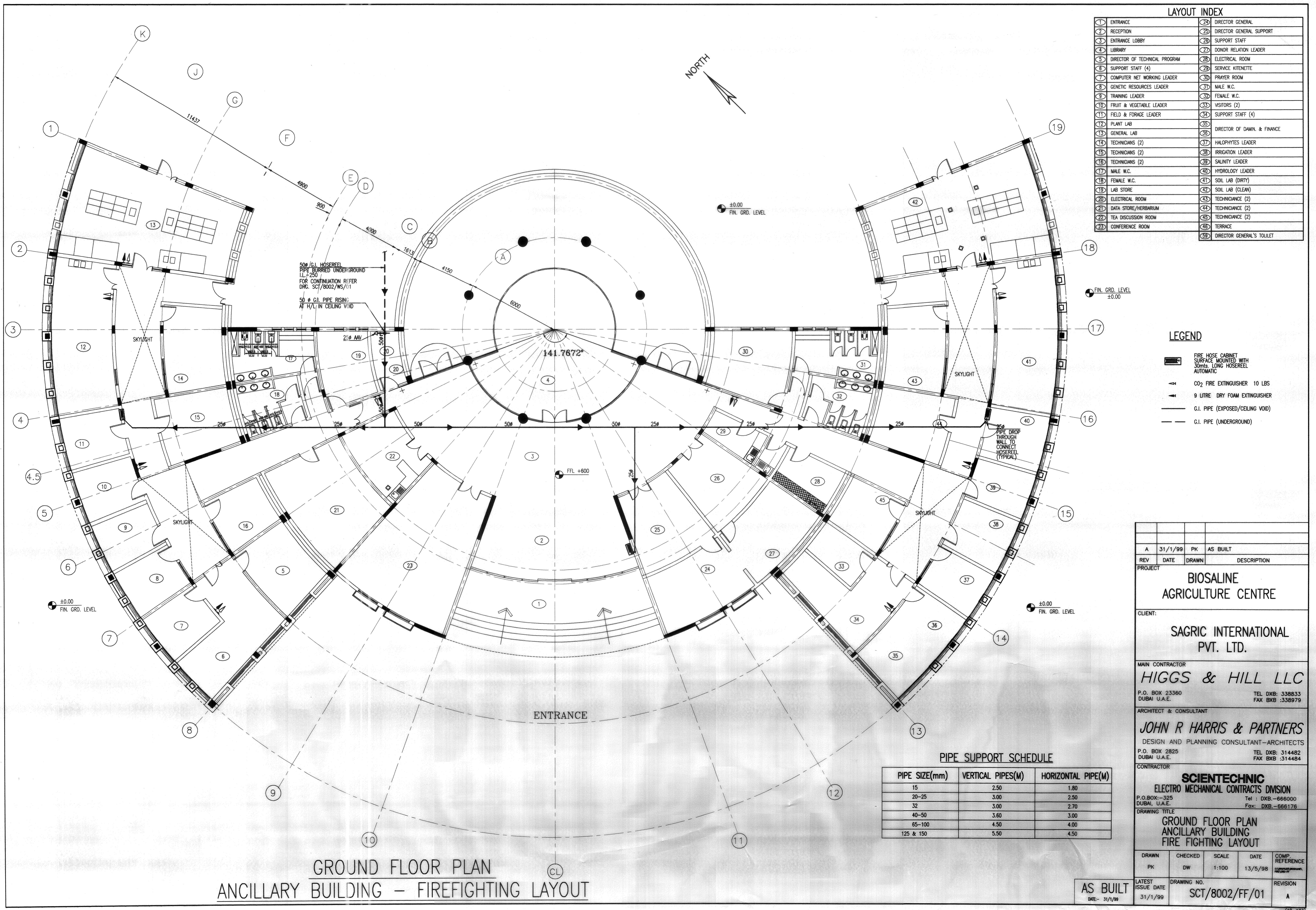
## Fire Alarm Schematic



| SCALE           | NTS             | DATE    | 15.07.98 |       |
|-----------------|-----------------|---------|----------|-------|
| DRAWN           | VISAL           | CHECKED | PHILIP   | APPD. |
| LAST ISSUE DATE | DRAWING No.     |         |          |       |
| 24/4/99         | SCT/8002/E/12/3 | 1 OF 1  | C        | A1    |
| SHT NO.         | REV NO.         | SIZE    |          |       |



## Ground Floor Plan Ancillary Building Fire Fighting





# Ground Floor Plan Main Building Fire Alarm & Emergency Light Layout

