



Republic of the Philippines  
**SOUTHERN LUZON STATE UNIVERSITY**  
Lucban, Quezon



**REQUEST FOR QUOTATION**

**IMPROVEMENT AND CONSTRUCTION OF SOIL STERILIZATION FACILITY FOR OFFICE OF  
PRODUCTION SERVICES (PRODUCTION)**

**Purchase Request No. 2025-09-2426**  
**Approved Budget for the Contract: ₱ 200,000.00**

The Southern Luzon State University through the Bids and Awards Committee invites interested firms/supplier to submit quotation for the procurement of **Improvement and Construction of Soil Sterilization Facility for Office of Production Services (Production)** to apply the sum of **Two Hundred Thousand Pesos Only ₱ 200,000.00** inclusive of VAT, being the **Approved Budget for the Contract (ABC)**, details as follows:

Qty.	Unit	ITEM/S DESCRIPTION
1	lot	Improvement and Construction of Soil Sterilization Facility for the Office of Production Services

1. The quotation-n must be submitted (can also be send thru email at the contact details listed below) or to the Office of the Procurement Office/Bids and Awards Committee, Southern Luzon State University, 2<sup>nd</sup> Flr. Hermano Puli Building, and shall be received by the Committee.

E-mail : [slsuprocurement@slsu.edu.ph](mailto:slsuprocurement@slsu.edu.ph)

2. The SLSU reserves the right to reject any or all quotations and/or proposals and waive any formalities/ informalities therein and to accept such bids it may consider as most advantageous to the agency and to the government. Southern Luzon State University SLSU neither assumes any obligation for whatsoever losses that may be incurred in the preparation of bids, nor does it guarantee that an award will be made.

  
**MARIDEL C. ZABELLA**  
Director, Procurement Office  
Southern Luzon State University  
Lucban, Quezon  
Tel. No.: (042)540-6519





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SOUTHERN LUZON STATE UNIVERSITY  
Planning and Development Office  
Lucban, Quezon

PROJECT TITLE: Improvement and Construction of Soil Sterilization Facility for Office of the Production Services  
PROJECT LOCATION: SLSU, Ayutl Campus  
OWNER : Southern Luzon State University  
MODE OF IMPLEMENTATION : by Contract  
PROJECT DURATION: 30 CD

**BILL OF MATERIALS**

I. General Works (General Requirements)				
Quantity	Unit	Description	Unit Cost	Total Cost
1	lot	Mobilization / Demobilization		
1	lot	Demolition of old structure		
1	lot	Temporary Facilities, Enclosure & Proj. Identification Tarp		
1	lot	Safety Program & Policy		

Sub - Total P

II. Earthworks				
Quantity	Unit	Description	Unit Cost	Total Cost
	sq.m	Clearing and Grubbing		
1	lot	Hauling and Disposal		
1	lot	Compaction and Grading		
	cu.m	Excavation		
1	lot	Consumables		

Sub - Total P

III. Form Works and Scaffolding Works				
Quantity	Unit	Description	Unit Cost	Total Cost
	bd.ft	Coco lumber		
	pcs	1/2"x4"x8' Phenolic Board		
	kg	Assorted Nails		

Sub - Total P

IV. Reinforced Concrete Works (3000 psi)				
Quantity	Unit	Description	Unit Cost	Total Cost
	bags	Portland Cement		
	cu.m	Sand S1		
	cu.m	Gravel 3/4"		
	pcs	12mm dia RSB x 6m		
	pcs	10mm dia RSB x 6m		
	kgs	G.I. Tie Wire #16		
	pcs	4"dia GI Pipe x 6m		
1	lot	Consumables		

Sub - Total P

V. Masonry Works				
Quantity	Unit	Description	Unit Cost	Total Cost
	pcs	CHB 4"		
	bags	Portland Cement		
	cu.m	Sand		
	pcs	10 mm dia RSB x 6m		
	kgs	G.I. Tie Wire #16		
1	lot	Consumables		

Sub - Total P

VI. Roofing Works				
Quantity	Unit	Description	Unit Cost	Total Cost
	pcs	Channel 2" x 4" x 3/16" thk x 6M		
	pcs	C Purlins 2" x 3" x 1.2mm thk x 6m long		
	pcs	Corrugated Sheets 762 x 4m x .5mm		
	pcs	Hardflex Senopa 12mm x 10" x 2.4m		
	liter	Vulcaseal		

*[Handwritten Signature]*

	pcs	2"x2"x 1/4" thk Angular bar		
	shts	4'x8' x .4mm GI Plain sheet		
1	lot	For baseplates and anchor bolts		
1	lot	Consumables(teks screw, welding rods, primer paint etc)		
			Sub - Total	P
			Grand - Total	P



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PROJECT TITLE: Improvement and Construction of Soil Sterilization Facility for Office of Production Services  
PROJECT LOCATION: SLSU Sampaloc, Quezon  
OWNER: Southern Luzon State University  
ABC: P 200,000.00  
PROJECT DURATION: 30 CD

SUMMARY

ITEM	DESCRIPTION	COST OF MATERIALS	COST OF LABOR AND EQUIPMENT	TOTAL
I	General Works			
II	Earthworks			
III	Form Works and Scaffolding			
IV	Reinforced Concrete Works			
V	Masonry Works			
VI	Roofing Works			
TOTAL ESTIMATED DIRECT COST				P
OVERHEAD, CONTINGENCIES & MISC. (OCM)				P
CONTRACTOR'S PROFIT				P
VALUE ADDED TAX (VAT)				P
TOTAL PROJECT COST				P

TOTAL COST IN WORDS: \_\_\_\_\_

CONTRACTOR / BIDDER: \_\_\_\_\_



12-Sep-25



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**PROJECT TITLE:** Improvement and Construction of Soil Sterilization Facility for  
Office of Production Services  
**PROJECT LOCATION:** SLSU Ayuti, Lucban, Quezon  
**OWNER:** Southern Luzon State University  
**PROJECT DURATION:** 30 CD  
**SUBJECT:** Specification of materials and finishes

**SPECIFICATION OF MATERIALS AND FINISHES**

**GENERAL**

- All applicable provisions of the different divisions of the Specifications for each work shall apply for all items cited in this schedule.
- Discrepancy arising from this section of the Contract Documents must be brought to the attention of the Owner or representative Architect/Engineer whose decision shall be final.
- Materials deemed necessary to complete the works but not specifically mentioned in the Specification, Working, Drawing, or in the Contract Document shall be supplied and installed or applied in a workmanlike manner at prescribe or appropriate locations following the Standard Practice of Civil Engineering, National Building Code of the Philippines and Construction Procedures.
- All items with specified approved brand, manufacturer, supplier, fabricator, trademark and the like shall be strictly followed.
- The Contractor shall coordinate the work with the Project Management office to expedite the implementation of the project, most specially, during the milestones of the project.
- The Contractor shall supply all finishing accessories and furnishing fixtures as may be approved by the power or representative and shall be installed by the Contractor whenever required by the Owner or Representative.
- All works must be done within the timeline calendar days given except for Sundays and Holidays.

**INTERPRETATION OF CONTRACT**

- a. In case of conflict between the provisions of the Agreement or of any Contract Document, or between the provisions of one of the Contract Documents and the provisions of another Contract Document, or in case of discrepancy, defective description, error or omission in the Contract, the following rules shall be followed:
  - Rule 1: The Agreement and the Contract Documents shall be taken as mutually explanatory of one another. The various provisions of the Contract shall be interpreted together, attributing to the 5 doubtful ones that sense which may result from all of them taken jointly.
  - Rule 2: The provisions of the Civil Code of the Philippines on the Interpretation of contracts and of the Rules of Court on the Interpretation of Documents shall be applied.
  - Rule 3: Where the conflict between or among the provisions of the Agreement and/or the Contract Documents cannot be resolved by Rules 1 and 2, it shall be understood that:

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- a. the Detailed Drawings shall prevail over the General Drawings;
- b. words and figures shall prevail over the Drawings;
- c. words shall prevail over figures in Contract Documents;
- d. written dimensions shall prevail over measured dimensions.

Rule 4: Where the conflict cannot be resolved by applying Rule 3 or where Rule 3 does not apply, the conflict shall be resolved by giving precedence to the Agreement or to provisions of a Contract Document higher in order of priority among the various documents which comprise the Contract. The order of priority among these documents shall be as follows:

- e. Agreement as modified by Notice of Award of Contract, if such be the case, and the Contractor's conformity thereto;
- f. Instruction to Bidders and any amendment thereto;
- g. Addenda to Bid Documents;
- h. Specifications;
- i. Drawings;
- j. Special Conditions of Contract;
- k. General Conditions of Contract;
- l. Other Contract Documents; and
- m. Other documents forming part of the Contract attached thereto or incorporated therein by reference.

Where the order of precedence is modified in the Agreement, such modified order of precedence shall be followed; however, the mere listing of Contract Documents in the Agreement or any Contract Document shall not be interpreted as establishing an order of precedence among them.

Rule 5: Where there is discrepancy, defective description, error or omission in any Contract Document, the Contract Documents shall be interpreted as being complementary to each other. Thus, what is called for in one Contract Document, although not mentioned in another Contract Document where it should have been mentioned, shall be deemed to be called for by the Contract.

Rule 6: The apparent silence of the Drawings, Specifications or any other Contract Document as to any detail, or the lack of detailed description concerning any part of the work, shall be understood to mean that good and accepted construction practice in accordance with the usage or custom of the place shall be followed.

Rule 7: Rules 1 to 6 shall yield to specific rules of interpretation in this document or in the Contract.

- b. The Owner shall resolve the conflict, or interpret or explain such discrepancy, defective description, error or omission.
- c. The interpretation of or explanation by the Owner shall be issued in the form of instructions to the Contractor. Where the Owner fails to issue the instruction in writing, the execution of that part of work affected by the interpretation or explanation without a timely objection or protest of the Owner shall be deemed to have been executed in accordance with the Owner's explanation or interpretation.
- d. In all cases where a device, item or part of equipment is referred to in the singular number, it is intended that such reference shall apply to as many such devices, items, or parts as are required to complete the work.



## I. GENERAL REQUIREMENTS

### Mobilization/Demobilization

- Mobilization shall include all activities and associated costs for transportation of Contractor's personnel, equipment, and operating supplies to the site; establishment of temporary field offices, and other necessary general facilities for the Contractor's operations at the site; premiums paid for performance and payment bonds, including co-insurance and re-insurance agreements as applicable.
- Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not required or included in the contract from the site; including the disassembly, removal and the site cleanup of temporary offices and other facilities assembled on the site specifically for this contract.

### Project Billboards

- The two (2) Project Billboards shall be strategically placed within the site vicinity; (As provided on the General Guidelines and Legal Mandates of the Commission on Audit to promote good governance through transparency and accountability, notifications to the public and other forms of announcement and/or publicity for or otherwise relating to the Projects/Programs/Activities (PPA) shall be made at the least possible cost.) Hence, for infrastructure projects, two (2) tarpaulin signboards must be suitably framed for outdoor display at the project location, and shall be posted as the award has been made. The design and format of the tarpaulin as shown below shall have the following specifications, as per RA 9184 Requirements:

Tarpaulin:	White
Resolution:	70 dpi
Font Size:	Main Information – 3" Sub Information – 1"
Font Color:	Black
Contents:	CONSTRUCTION OF (Name of Project and Location) CONTRACTOR : DATE STARTED : CONTRACT COMPLETION DATE : CONTACT COST : IMPLEMENTING OFFICE/ CONTACT NO. : SOURCES OF FUND :

### Demolition Works

#### Demolition of Old Structure

- Existing Structure specified in the plans or instructed by representative Architect/Engineer shall be demolished.

#### Clearing and Hauling

- All the debris and material shall be placed where the SLSU Project engineer instructed.



## II. EARTHWORKS

- **Earth fill/Backfill** – excavation shall be backfilled and filling materials shall be made in layers not to exceed 15 centimeters and thoroughly tamped before the next fill is placed.
- **Gravel Bedding** –All gravel bedding shall be tamped by a plate compactor or any tampering equipment to make it compact.
- **Demolition of Old Structure** – All existing Structure within the site of construction shall be demolished and all the debris and material shall be placed where the SLSU Project engineer instructed.
- **Compaction and Grading** – All Exterior grades and compaction shall be formed in accordance with the drawings and specifications.
- **Excavation** –The Contractor shall make all necessary excavation for foundations, footing tie beam to establish grades indicated in the drawings and plans.
  1. Implementing and adequate method of excavation, and adhering to safe work sequences and proper standards of workmanship in connection therewith.
  2. Providing adequate protection of all excavation from collapse and subsidence of adjacent ground and properties.
  3. The safety and integrity of the adjacent properties of the permanent works.
  4. All concrete works shall have a minimum of 4" or 100mm thick of gravel bedding or as planned.

### Site Clearing and Hauling

- This Specification is to be read in conjunction with the Conditions of Contract, scope of work and Drawings. Where Works are ordered to be performed by the Contractor, but are not specified in the Specification, the Contractor, must carry them out with full diligence and expedience as are expected for Works of that nature.
- As prior to the construction of the project, necessary clearing and grading shall be done by the contractor.
- **Trimming and Pruning of Trees** – Trimming and pruning of branches of Trees that directly affected the building construction shall be made effectively including hauling of unsuitable materials.
- All trees affected shall be removed approved by the owner or representative Architect/Engineer.

## III. FORMWORKS AND SCAFFOLDINGS

- All formworks shall be formed, that columns and beams, and all other structure that needs form work, with quality to ensure smooth concrete pours.
- Ensure strength and safety in supports and scaffolding.

## IV. REINFORCED CONCRETE WORKS (3000 psi)

- Cement shall conform to Portland Cement ASTM C150
- Concrete aggregates shall conform to ASTM C33 except the aggregates failing to meet these specifications but which have produced concrete to adequate strength and durability may be used to the approval of the Civil Engineer.
- Water used in mixing concrete shall be clean and free from injurious amounts of oil, acids, alkalis, salts, organic materials or other substances deleterious to concrete or steel. In addition, the mixing water for pre stressed concrete shall not contain deleterious amounts of chloride ion.
- Reinforcing bars shall conform to ASTM A615

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- Reinforcing bars shall be stored in such a manner to prevent and lessen rusting and deterioration or intrusion of foreign matter.
- Admixtures to be used in concrete shall be subject to prior approval by the Structural Engineer.
- Cement and aggregates shall be stored in such a manner as to prevent their deterioration or the intrusion of foreign matter.
- Concrete cylinder samples for strength tests of each class of concrete shall be taken in min of 3 concrete samples. The cylinder samples for strength test shall be taken cured and tested in accordance with ASTM C172, ASTM C31 and ASTM C39.

Acceptance of concrete

- Concrete poured will be considered satisfactory if the average of all set of these consecutive strength test results equal or exceeds the required  $f_c'$  and not individual strength test falls below the required  $f_c'$  by more than 4000 psi.

Core test and load test

- If individual tests of laboratory cured cylinder samples produced strength more than 400 psi below  $f_c'$  core test and or load tests may be restored subject to the approval by the Civil engineer.

Mixing of concrete

- All concrete shall be mixed until there is uniform distribution of the materials and shall be discharged completely before the mixer is recharged.

Conveying of concrete

- Concrete shall be conveyed from the mixer to the place of final deposit by methods that will prevent the separation or loss of materials

Depositing of concrete

- Concrete shall be deposited as nearly as practicable in its final position to avoid segregation due to re handling or flowing.

Curing

- Concrete shall be maintained in a moist condition for at least 7 days after placing.

## V. MASONRY WORKS

- Unless otherwise specified, the vertical reinforcement shall be 10mm dia at 600mm o.c for all thickness and horizontal reinforcements for CHB shall be 10mm at every 3 layer of CHB. Lap splices shall be 300 long (Minimum).
- CHB of good quality shall be used to ensure strength of wall.
- Plastering of walls shall not be less than 15mm and not to exceed 32mm must be smooth finished.

## VI. ROOFING & TINSMITHRY WORKS

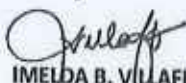
- Fabrication of steel truss & rafters, installation of roof frame, pre-painted Ribbed type roof, cap flashing, gutter and other roof accessories.
- Painting of steel supports and framing.
- Weld all shop assembled connections continuous without undercut and or distortion of handrails



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- Grind and or dress exposed welds smooth and flush to corner or fillet without weakening connection.
- Lightly sand and blend with fine grit paper all light scratches prior to finishing.
- Provide Roof drip edge on 3 sides of the roof.
- All metal supports should be primer painted.

Prepared by:

  
IMELDA B. VILLAFLORES  
Ass't. Planning Engr.

Reviewed by:

  
ENGR. JOELLE E. MORALES  
Project Development Officer 1

Recommending approval:

  
ENGR. MELVIN V. MAKIPAGAY  
Director-Project Management Office

Approved by:

  
DR. FREDERICK T. VILLA  
University President



Republic of the Philippines  
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**PROJECT TITLE:** Improvement and Construction of Soil Sterilization Facility for  
Office of Production Services

**PROJECT LOCATION:** SLSU Main Campus, Lucban, Quezon

**OWNER:** Southern Luzon State University

**PROJECT DURATION:** 30 CD

**SUBJECT:** Scope of Works

### SCOPE OF WORKS

#### I. GENERAL REQUIREMENTS

- Project Identifications, Signs and Building Permit up to Certificate of Completion
- Soil poisoning
- Mobilization and Demobilization.
- Safety Program and Policy
- Material Testing
- Demolition of Old Structure
- Clearing and Hauling

#### II. EARTHWORKS

- Demolition of old structure
- Clearing and hauling
- Compacting and grading
- Excavation and Backfilling in the area.
- Excavation of required depth of foundation.

#### III. FORMWORKS AND SCAFFOLDING

- The work includes the Construction and installation of formworks and scaffolding, Fabrication of column forms and erection of the forms and scaffolding and Dismantling/stripping of form works.

#### IV. REINFORCED CONCRETE WORKS (3000 psi)

- Concreting of all structural elements as plan, following NSCP standard.

#### V. MASONRY WORKS

- Laying of the Concrete Hollow Blocks with even textures and well-defined edges, all masonry works shall provide with the 10mm diameter reinforcing steel bars.
- Soil sterilization furnace is made of CHB and shall be properly plastered both sides. Please refer to attached approved drawings.

#### VI. ROOFING & TINSMITHRY WORKS

- Weld all shop assembled connections continuous without undercut and or distortion of truss
- Grind and or dress exposed welds smooth and flush to corner or fillet without weakening connection.
- Splices and expansion joints shall utilize internal splice connectors with set screws to allow for expansion over ambient temperature change.

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- Roofing materials to be installed shall be brand new and must conform with specifications according to plans or approved equivalent by the supervising engineer.
- All metal support shall be primer painted.

Prepared by:

  
IMELDA B. VILLAFLORES  
Asst. Planning Engr.

Reviewed by:

  
ENGR. JOEL E. MORALES  
Project Development Officer 1

Recommending approval:

  
ENGR. MELVIN A. MAKIPAGAY  
Director-Project Management Office

Approved by:

  
DR. FREDERICK T. VILLA  
University President

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**PROJECT TITLE:** Improvement and Construction of Soil Sterilization Facility for  
Office of Production Services

**PROJECT LOCATION:** SLSU Main Campus, Lucban, Quezon

**OWNER:** Southern Luzon State University

**PROJECT DURATION:** 30 CD

**SUBJECT:** Minimum Technical Personnel and Equipment

**MINIMUM TECHNICAL PERSONNEL AND EQUIPMENT**

QUANTITY	MINIMUM TECHNICAL PERSONNEL
1	Project Manager/ Project Engineer
1	Foreman
2	Skilled Worker
2	Laborers

QUANTITY	MINIMUM EQUIPMENT
1 unit	Cut – Off Machine
1 unit	Welding Machine

Prepared by:

  
**IMELDA B. VILLAFLORES**  
Asst. Planning Engr.

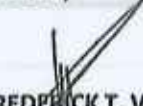
Reviewed by:

  
**ENGR. JOEL E. MORALES**  
Project Development Officer 1

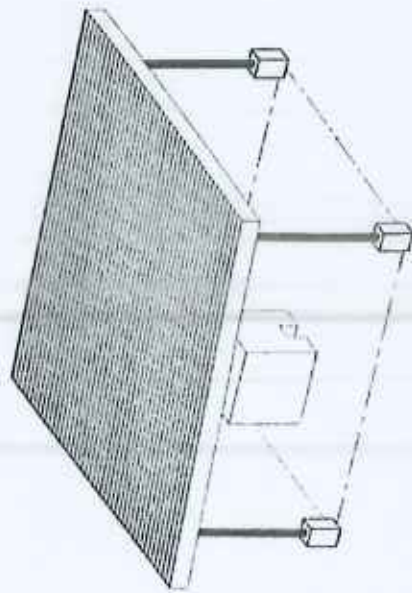
Recommending approval:

  
**ENGR. MELVIN A. MAKIPAGAY**  
Director-Project Management Office

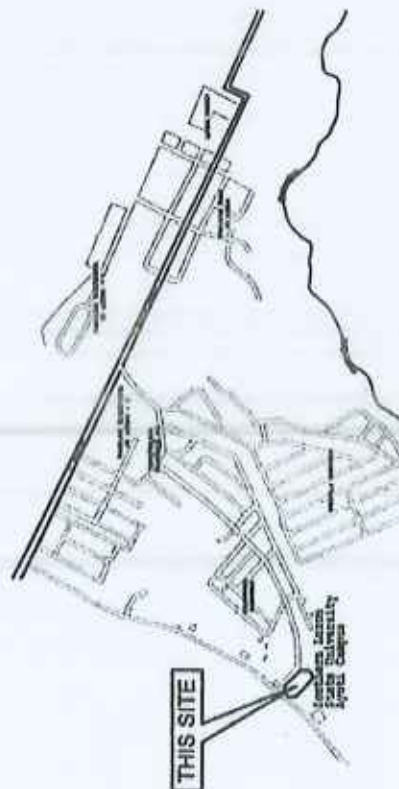
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**DR. FREDERICK T. VILLA**  
University President

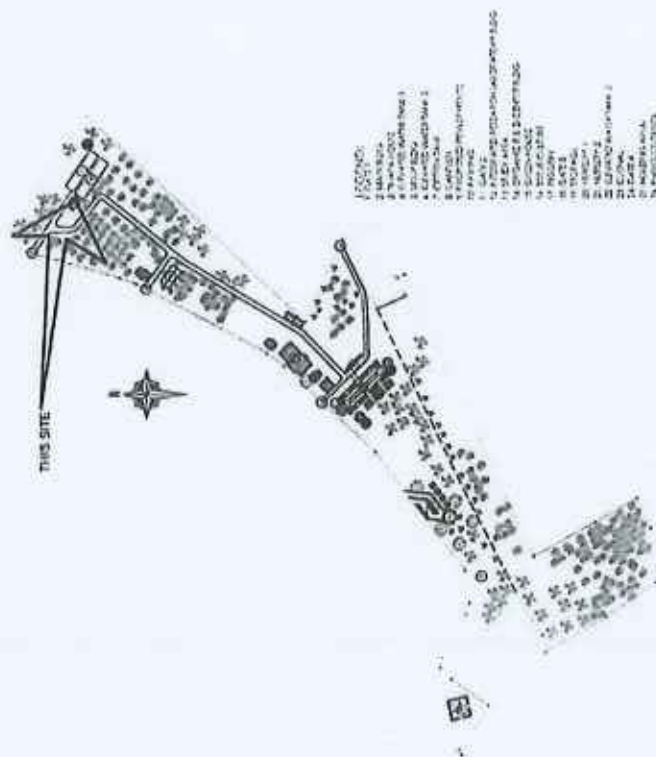




## PERSPECTIVE



## VICINITY MAP



## SITE DEVELOPMENT PLAN

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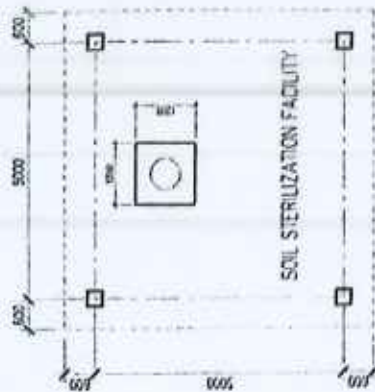
**PERSPECTIVE**

**SITE DEVELOPMENT PLAN**

NOTES:

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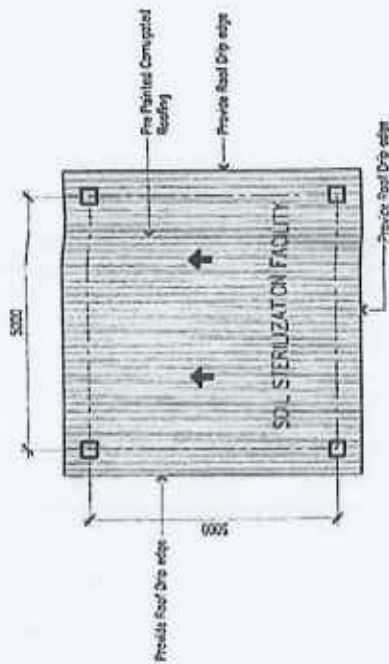
**VICINITY MAP**



**FLOOR PLAN**

01  
A-2

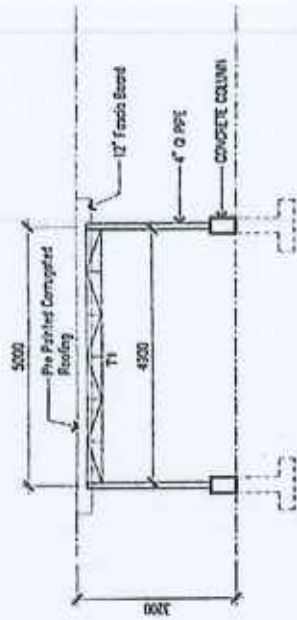
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**ROOF PLAN**

02  
A-2

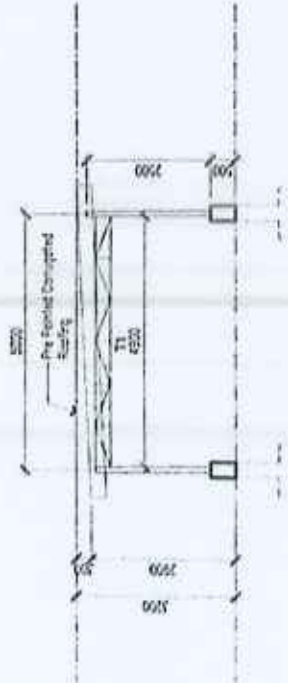
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**FRONT ELEVATION**

03  
A-2

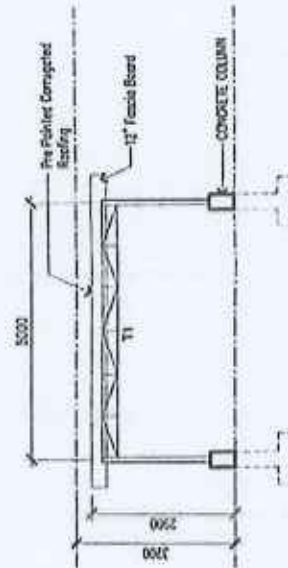
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**LEFT & RIGHT SIDE ELEVATION**

04  
A-2

SCALE 1:100



**REAR ELEVATION**

05  
A-2

SCALE 1:100



CIVIL STRUCTURAL ENGINEER

PROJECT TITLE

IMPROVEMENT & CONSTRUCTION OF  
SOIL STERILIZATION FACILITY  
FOR OFFICE OF PRODUCTION SERVICES

PLANNING BY

ILLINOIS  
REGISTERED PROFESSIONAL ENGINEER

REVIEWED BY

ILLINOIS  
REGISTERED PROFESSIONAL ENGINEER

RECOMMENDING AUTHORITY

ENGR. WELTON R. HANCOCK, P.E.  
DIRECTOR, NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION

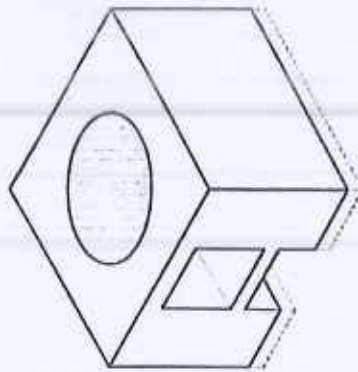
APPROVED BY

DR. FREDERICK T. VALLA  
PROJECT MANAGER

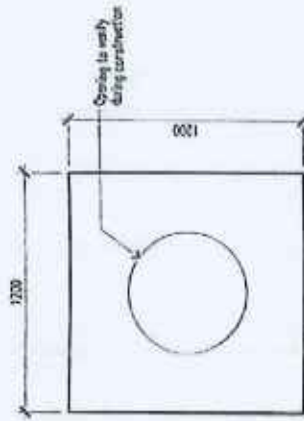
SHEET CONTENTS

A-2

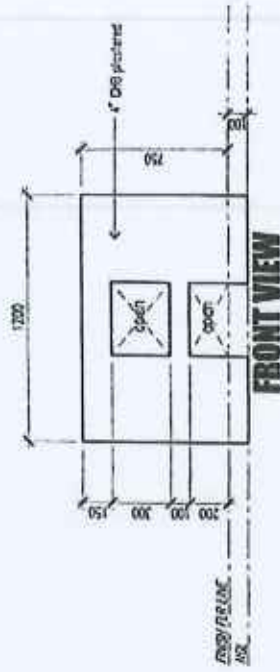
02 03



**ISOMETRIC**



**PLAN VIEW**

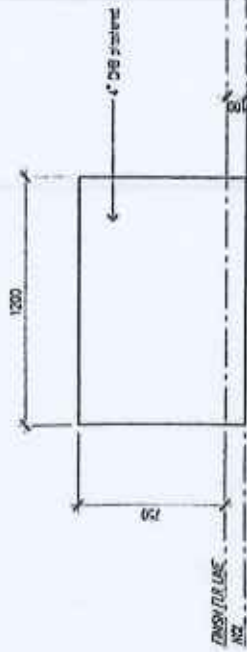


**FRONT VIEW**

**CONCRETE FURNACE**

01  
A-3

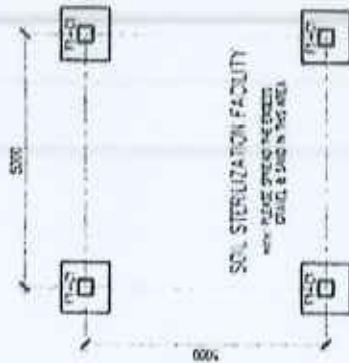
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**TYPICAL ELEVATION**

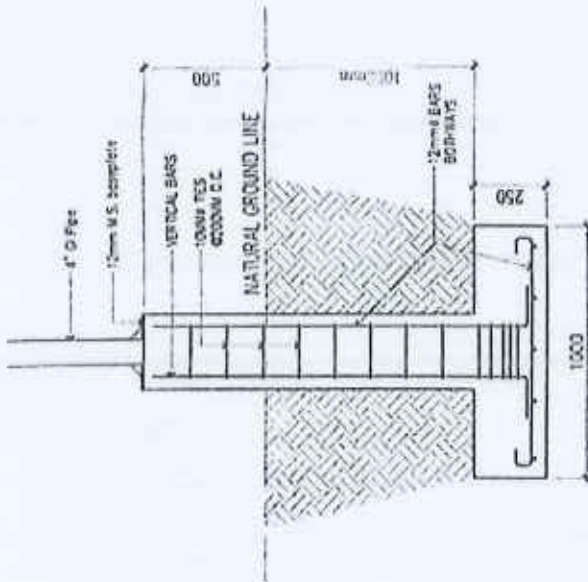
	CIVIL / STRUCTURAL ENGINEER	PROJECT TITLE	IMPROVEMENT & CONSTRUCTION OF SOIL STERILIZATION FACILITY FOR OFFICE OF PRODUCTION SERVICES	PLANNED BY	REVIEWED BY	RECOMMENDING AUTHORITY	APPROVED BY	SHEET CONTENTS	SHEET NO.
				 THE CHAIRMAN OFFICE OF PRODUCTION SERVICES	 ENGR. M. M. P. P. P. CIVIL ENGINEER	 ENGR. M. M. P. P. P. CIVIL ENGINEER	 DR. J. J. J. J. J. PROJECT MANAGER	SHEET 1 OF 1 IMPROVEMENT & CONSTRUCTION OF SOIL STERILIZATION FACILITY FOR OFFICE OF PRODUCTION SERVICES	A-3 03





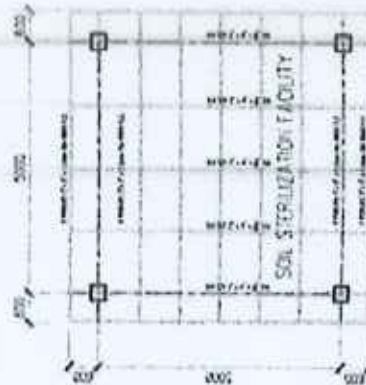
**FOUNDATION PLAN**

01  
S-1  
SCALE: 1/8" = 1'-0"



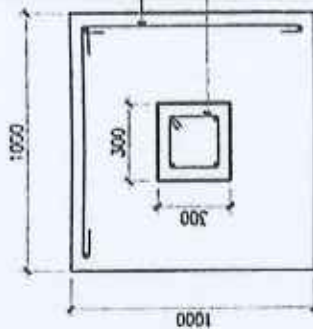
**SECTION F1-C1**

NTS



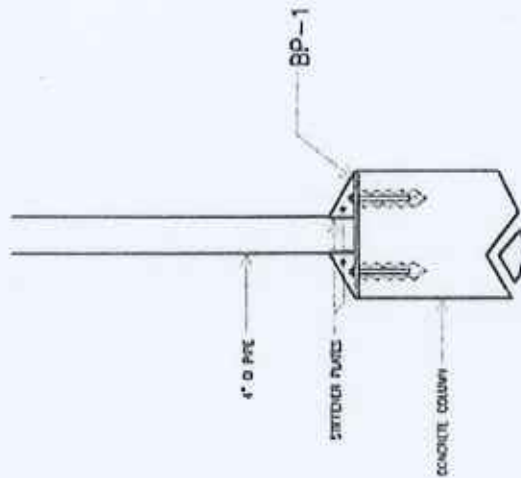
**ROOF FRAMING PLAN**

02  
S-1  
SCALE: 1/8" = 1'-0"



**PLAN F1-C1**

NTS



**BASEPLATE DETAIL**

04  
S-1  
SCALE: NTS



**TRUSS DETAILS**

03  
S-1  
SCALE: 1/8" = 1'-0"

	<p>PROJECT TITLE IMPROVEMENT &amp; CONSTRUCTION OF SOIL STERILIZATION FACILITY FOR OFFICE OF PRODUCTION SERVICES</p>	<p>DESIGNED BY [Signature]</p>	<p>CHECKED BY [Signature]</p>	<p>APPROVED BY [Signature]</p>	<p>DATE [Date]</p>	<p>SCALE [Scale]</p>	<p>01 S-1 SCALE: 1/8" = 1'-0"</p>
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