



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite, Philippines
☎ (046) 889-6373
www.cvsu.edu.ph

INVITATION TO SUBMIT QUOTATION
Improvement of Landscape of Baño De Señora Resort

1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project “**Improvement of Landscape of Baño De Señora Resort**” with an Approved Budget for the Contract (ABC) **Seven Hundred Forty-Three Thousand Nine Hundred Seventeen Pesos and 02/100 Only (PhP 743,917.02)**. Quotation received in excess of the ABC shall be automatically rejected at the opening.

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
1.	1	Lot	Improvement of Landscape of Baño De Señora Resort (Please see attached Bill of Quantities and Plan)	743,917.02	743,917.02
TOTAL AMOUNT					743,917.02

2. Delivery Period: ____ calendar days from the receipt of P.O.
3. Price quotations must be valid for a period of sixty (60) calendar days from date of submission and shall include all taxes, duties and/or levies payable. Bidders shall also indicate the brand and model of the items being offered.
4. Warranty shall be for a period of six (6) months for supplies and materials. Warranty for equipment must not be less than one (1) year from the date of acceptance and shall be accompanied with Warranty Certificate.
5. The quotation must be submitted to the Procurement Office through mail, fax or email at the contact details listed below **on or before 7:00 AM of June 18, 2024.**

Address : Procurement Office, Administration Building
Cavite State University
Indang, Cavite
E-mail : procurementoffice@cvsu.edu.ph / rfqmain@cvsu.edu.ph
Telefax : (046) 889-6373

6. The CvSU 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. CvSU 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.


ROSELYN M. MARANAN
BAC Secretary, Goods and Consulting Services



BILL OF QUANTITIES

NAME OF PROJECT: IMPROVEMENT OF LANDSCAPE OF BAÑO DE SEÑORA RESORT ABC: ₱ 743,917.02 COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
				Bill of Quantities	
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	EARTHWORKS (Pesos _____ _____ and _____ centavos)				
II	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
GRAND TOTAL					_____
Write grand total in words		_____			

Submitted by: _____ Date: _____

Name of Bidder/Bidder's Representative: _____

Position: _____

Construction Company/Contractor: _____

SCOPE OF WORK:

A. IMPROVEMENT OF LANDSCAPE OF BAÑO DE SEÑORA RESORT

1. The project must be finished in 45 working days
2. Actual site inspection is a must.
3. The area should be cleared before and after the construction work at least twelve meters away from the job site. Unusable formworks, excessive soil fill and all other unwanted debris of rehabilitation works should be disposed properly
4. For mobilization/demobilization, provide the following:
 - a. Billboard
 - b. ~~Bankhouse~~ with office
 - c. Temporary comfort rooms
 - d. Site temporary enclosure may be blue sack or any suitable materials that may enclose the workplace.

B. TECHNICAL DESCRIPTION

I. Earthworks

1. Grubbing/ Excavation/Leveling and Compacting.
 - a. This shall consist of clearing, grubbing and disposing all existing vegetation and debris as designated in the plans.
 - b. Excavation of the identified area.

- c. Spreading, leveling and compacting of 0.05 m. thick gravelfill on prepared compacted earthsoil bedding.
 - b. Provide 0.05 m. gravell fill on slab on fill and footings.
 - c. Leveling and Compacting. This work will include all identified area.
2. Hauling of Debris
- a. This item shall consists of hauling of debris and cleaning of area prior to accomplishment of the project.

II. Miscellaneous Works

1. Softscape Specification

a. Turfing

a.1 Site Preparation

- a.1.1 The areas to be turfed shall be completely cleared of all builder's debris, large stones and other obstructions.
- a.1.2 The planting area shall be cultivated to an average depth of 150mm. Where the ground is clay, hardspan, sun baked earth or other impervious materials, it shall be ploughed or scarified to a minimum depth of 150mm to reduce granular material of sizes not exceeding 75mm.
- a.1.3 The ground shall be later finished by lightly rolling with roller not exceeding 136 kilograms in weight. Rolling shall only be done when the formation is dry.

a.2 Trimming and Levelline

- a.2.1 Before spreading the top soil, the ground of filled earth must be trimmed and levelled. In case of banks, the edge must be trimmed off to a curve to allow the grass to be cut with a motor mower.

a.3 Turfing Existing Ground

- a.3.1 Where existing ground is to be turfed, mounds shall be levelled and depressions, holes, channels, etc., shall be filled-in to the general level of the area to the levels shown on the plans.

a.4 Garden Soil (Top Soil)

- a.4.1 The top soil is to be selected vegetable garden soil, free from roots, weeds and any unnecessary hard granular material. Top soil shall be spread and levelled over the whole area to be turfed to form an even layer of 50mm (consolidated thickness). The contractor shall submit a sample of the top soil to the end-user/project inspector for approval before application.

a.5 Ground to be Forked

- a.5.1 Before turfing, the ground or filled earth shall be forked to a depth of 100 mm to 150 mm to thoroughly loosen the soil.

a.6 Turf

- a.6.1 The turf for use in the work shall be of best quality and shall be obtained from sources approved by the end-user/ project inspector. The turfs shall be very healthy, free from defects, decay, disfiguring of roots, sun or wind scaled injury, plant disease, insect or pest or any other form of infestation.
- a.6.2 The contractor shall furnish the end-user/project inspector of approved samples of the turf before planting.
- a.6.3 The turfs for use in the contract shall be carabao/cow grass. This item will include:
 - a.6.3.1. The turf shall be cut approximately 225 mm square
 - a.6.3.2. The minimum thickness of turf shall be 40mm.
 - a.6.3.3. The root formation shall be moist and the grass shall not exceed 20mm long and shall be dense green with vigorous roots and healthy.

a.6.3.4. The grass shall be stacked on site, and the end-user/project inspector shall inspect the grass for weeds before laying. The grass shall always be kept moist by spraying with water and covering with wet sacks.

a.6.4 Turf Planting

a.6.4.1. Dry turf shall be rejected.

a.6.4.2. Spot Turfing - Spot turf shall be at 450 mm at centers

a.6.4.3. Close Turfing - The turf shall be laid on top of vegetable garden soil and shall be laid accurately to level and full with close butt joints. Immediately after laying, the turfs shall be lightly beaten with wooden beater until they are firmly bedded to the ground. Any depression produced by the beatings shall be leveled by packing the depression with additional top soil from underneath the turf. The turf shall be beaten again. Laying and beating shall continue until all the turfs are firmly bedded and a continuous turfing area is obtained.

a.6.4.4. The minimum total thickness of the turf and the top soil shall be 75 mm and shall be measured after the turf has been laid and beaten. For this purpose, small trial holes shall be dug as directed by the end-user/project inspector. If the thickness between the top of the grass and the formation level is less than 75 mm, the contractor shall, without additional cost, relay the turfs to the approval of the end-user/project inspector. Turfing to banks shall be firmly cured by 150 mm long wooden pegs driven each piece.

a.7 Top Dressing

a.7.1. The material used for the top dressing shall be between 80/20 and 90/10 sand/soil mixes. Organic matter shall be included in the mixture. Fertilizers, soil ameliorants such as lime, and pesticides shall also be included for special purposes. The contractor shall apply top dressing to the turfed area immediately after they are laid and thereafter until the turfs survive independently.

a.7.2 The top dressing shall be deposited and spread evenly over the turfed area at the rate of 11.2 grams per square meter.

b. Planting

b.1 Plant holes shall be excavated at a minimum of twice the size of the volume of the pot size specified in the plans.

b.2 Plants shall be provided with the following characteristics:

b.2.1 Large healthy root systems, with no evidence of root curl, restriction or damage;

b.2.2 Vigorous, well established, free from disease and pests, of good form consistent with the species or variety; and

b.2.3 Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site.

b.3 Trees which, unless required to be multi-stemmed, have a single leading shoot shall be provided.

b.4 At least one plant shall be labelled of each species or variety in a batch using a durable, readable tag.

b.5 Planting shall be carried out on the same day that plants are delivered to the site. Plants shall not be planted in unsuitable.

b.6 weather conditions such as extreme heat, cold, wind or rain. In other than sandy soils, excavation shall be suspended when the soil is wet.

b.7 Plants shall be watered thoroughly before planting and immediately after planting.

b.8 Plant Specifications:

b.8.1 For Item 1

b.8.1.1. Install 10 units of horizontal and 5 units of vertical cylinder concrete pot.

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b.8.1.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Zigzag Plant
- Ficus Banyan
- Dwarf Birds of Paradise
- Spathiphyllum
- Ti Plant
- Dwarf Ti Plant
- Xeflera
- Miagos
- Agave
- Snake Plant
- Phoenix Palm
- Malvarosa
- Lemon Lime
- Burlemax
- Cutlass
- Red Compact
- Whitestripe
- Round-leaf fern
- Palmera
- Bromeliads
- Imperialis
- Sampaloc Fern
- Lady Marian
- Sensation
- Wave of Love
- Pakpak Lawin
- Doña Carmen

b.8.2 For Item 2

b.8.2.1. Install 2 units of vertical cylinder concrete pot.

b.8.2.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Palmera
- Selloum
- Malvarosa
- Evergreen
- Dwarf Ti Plant
- Xeflera
- Ficus Triangularis
- Forget-me-not
- Miagos
- Agave
- Imperialis

b.8.3 For Item 3

b.8.3.1. Install 3 units of vertical cylinder concrete pot.

b.8.3.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Wave of Love
- Hawaiian Palm
- Red Ginger
- Kamuning
- Liguala Palm
- Alocasia
- Pandanus
- Silver Queen
- Forget-me-not
- Lantana
- Thai Bamboo
- Buddha Bamboo
- Xeflera
- Ficus Triangularis
- Eugenia

b.8.4 For Item 4

b.8.4.1. Install 5 units of horizontal cylinder concrete pot.

b.8.4.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Zigzag Plant
- Dwarf Birds of Paradise
- Eugenia
- Lemon Lime
- Pandanus
- Lantana
- Cutlass
- Doña Carmen
- Wave of Love
- Picarra
- Yellow Lily
- Palmera
- Silver Queen
- Sensation
- Snake Plant

b.8.5 For Item 5

b.8.5.1. Install 2 units of vertical cylinder concrete pot.

b.8.5.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Wave of Love
- Birds of Paradise
- Spathiphyllum
- Ti Plant
- Thai Bamboo
- Buddha Bamboo
- Xeflera
- Miagos
- Ficus Triangularis
- Agave
- Phoenix palm
- Kamuning
- Hawaiian Palm
- Lemon Lime
- Alocasia
- Green Congo

b.8.6 For Item 6

b.8.6.1. Install 5 units of horizontal cylinder concrete pot.

b.8.6.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Dwarf Birds of Paradise
- Miagos
- Hawaiian Palm
- Pandanus
- Liguala Palm
- Whitestripe
- Red Compact
- Cutlass
- Doña Carmen
- Palmera
- Calathea
- Selloum
- Bromeliads
- Picarra
- Sampaloc Fern
- Pakpak Lawin
- Seifrizii (Reed Palm)
- Silver Queen
- Lady Marian
- Sensation

b.8.7 For Item 7

b.8.7.1. Install 3 units of vertical cylinder concrete pot.

b.8.7.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Ti Plant
- Thai Bamboo
- Xeflera
- Papua
- Phoenix Palm
- Pandanus
- Seifrizii (Reed Palm)
- Imperialis
- Xanadu
- Yellow Lily
- Buddha Bamboo

b.8.8 For Item 8

b.8.8.1. Install 3 units of vertical cylinder concrete pot.

b.8.8.2. Use assorted tropical plants that thrive in shaded area which will include but are not limited to the following:

- Malvarosa
- Burlamax
- Red Compact
- Whitestripe
- Liguala Palm
- Lantana
- Alocasia
- Calathea
- Selloum
- Bromeliads
- Yellow Lily
- Zigzag Plant
- Dwarf Ti Plant
- Thai Bamboo
- Buddha Bamboo
- Red Ginger
- Eugenia
- Hawaiian Palm
- Xanadu
- Sensation
- Lady Marian
- Silver Queen

- Imperialis

- Picarra

b.9. Mulching

b.9.1. Mulch shall be free from deleterious and extraneous matter such as stones, soil, weeds and sticks.

b.9.2. Mulch shall be placed clear of plant stems, and rake to an even surface flush with the surrounding finished levels.

b.9.3. Depth shall be at 75 mm maximum.

b.9.4. Mulch type hays shall be from seasonal grasses and free from noxious weeds etc.

b.9.5. Laterite gravel shall be uniform in color and size or graded from 5 to 25 mm.

b.9.6. Brush chippings shall be approved "forest blend" vegetative material processed to pieces larger than 75 mm x 50 mm x 15 mm and aged from 6-12 weeks.

b.9.7. Washed river pebbles shall be uniform in size or graded from 10 mm to 25 mm.

c. Stakes

c.1. Stakes material shall be hardwood, straight, free from knots or twists, pointed at one end.

c.1.1. Installation

c.1.1.1. Stakes shall be driven into the ground at least one third of their length, avoiding damage to the root system.

Those no longer required at the end of the establishment period shall be removed.

c.1.1.2. Stakes sizes shall conform to the following:

c.1.1.2.1. For plants 1 to 2.5 meters high: Two 50 mm x 50 mm x 1800 mm stakes per plant.

c.1.1.2.2. For plants smaller than 1 meter high: One 38 mm x 38 mm x 1200 mm stake per plant.

c.1.2. Ties

c.1.2.1. Ties fixed securely to the stakes, one tie at half the height of the main stem, shall be provided whenever necessary to stabilize the plant. Ties shall be attached loosely and 50 mm hessian webbing stapled to the stake shall be likewise provided.

d. Irrigation

d.1. Installation

d.1.1. Completion of Planting

d.1.1.1. Maintenance manual shall be provided which includes notes and specifications of all landscape and irrigation work and recommendations for on-going maintenance work.

d.1.2. Plant Establishment

d.1.2.1. The planted areas shall be maintained for a minimum of 13 weeks from the time of practical completion.

Damaged, stolen or vandalized stock shall be replaced as required and at the expense of the contractor. For all other work including irrigation and hardworks, the contractual provisions for defects liability period shall apply.

e. Trees and Shrubs

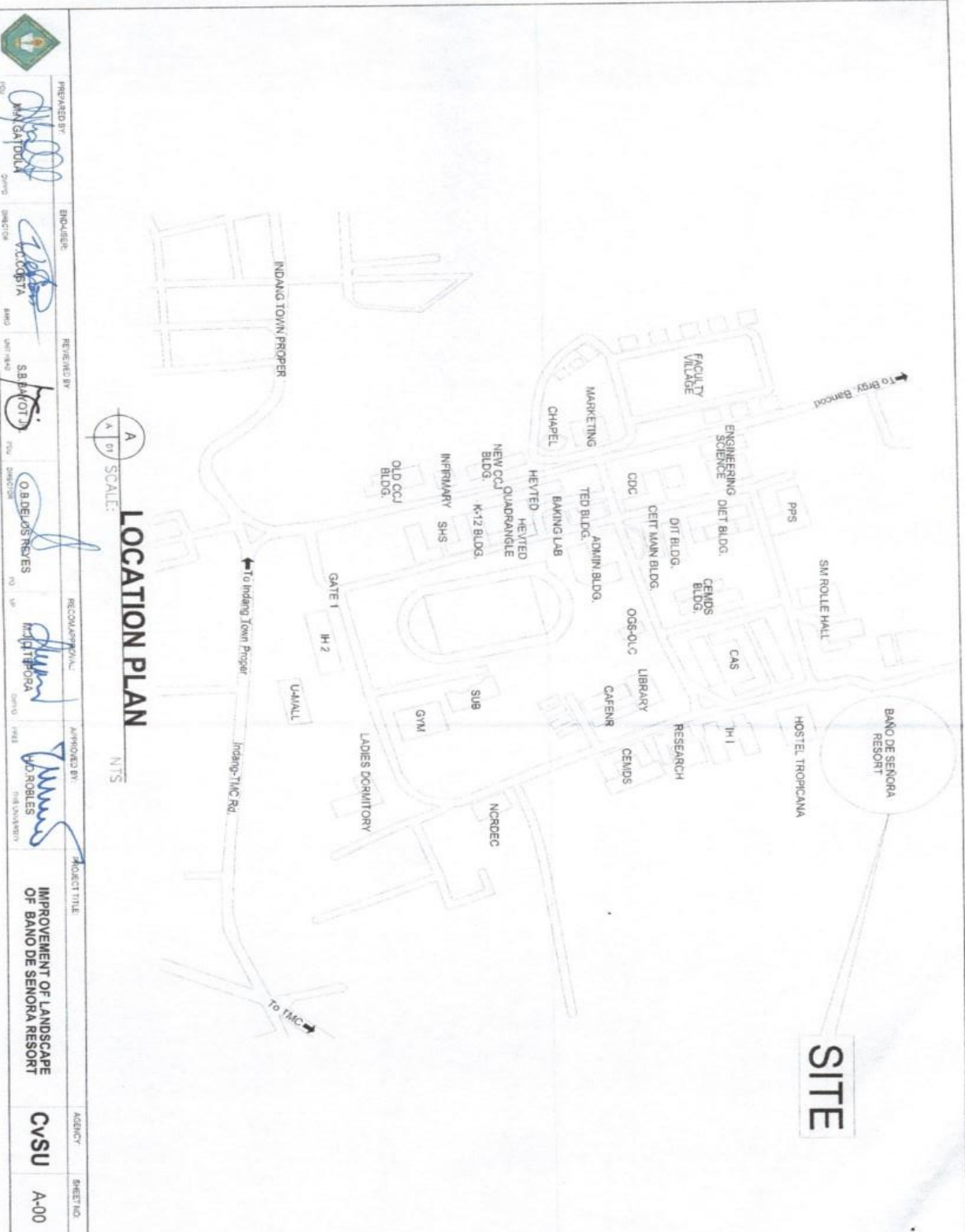
e.1. Specifications for the trees and shrubs to be used in the project shall be specified in detail in the plans. The end-user/ project inspector shall inspect whether the delivered trees and shrubs are approved based on physical features and the capacity of the trees and shrubs to survive after planting.

e.2. Specifications and procedures for establishing trees and shrubs shall be submitted by the contractor prior to the planting.

Fertilization, mulching, staking, establishment and irrigation shall be indicated on the procedures.

IX. Note

1. See approved plans and consult end user/project inspector for details/extent of work. The silence of specification, plans, special provision and supplementary specifications as to any detail, or the apparent omission therein of a detailed description or definition of the quality of materials and workmanship shall be regarded to mean that only materials and workmanship of first class quality are to be used or employed
 2. All works will be facilitated by the contractor.
 3. All tools and equipment necessary for executing the work will be provided by the contractor.
 4. Works that are necessary but are not cited in the above specifications will be facilitated by the contractor.
 5. Materials that are necessary but are not included in the above program of works will be provided by the contractor.
 6. No modifications will be done without the approval of end user, project inspector and implementor.
 7. Verify actual measurement on site.
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- C. Building permits, necessary clearances and other government taxes are to be secured by the contractor.
 - D. Contractor of the said project must provide an as-built plan of the project at the end of the contract as a requirement for the release of their final billing.
 - E. For color/types of any fixtures or materials to be used on site, consult the end-user and the inspector for approval. Consult the plan and the scope of work for the extent of tasks of the contract. If possible, let the end-user sign your sample as proof of approval. **Note: In the event that discrepancies on plans and scope of work occur, generally, the scope of work prevails.**
 - F. Resident site engineer is a must for the projects to be undertaken by the contractor of the university. In cases where there are electrical works, it is required that an electrical engineer or a master electrician be a part of the contractor's team to supervise all electrical works. Likewise, master plumbers must supervise plumbing works. It can be considered when only one person is the master plumber and master electrician at the same time as long as his major duty is supervision of both fields. Safety engineer is a must as per DOLE requirement. **Note: All key personnel should be included in the list of personnel for submission.**
 - G. In cases of participation in two or more projects, the set of workers and foreman shall be different per project, however, the set of engineers and equipment may be reused.
 - H. Construction safety and health program as well as construction schedule (PERT/CPM/S-Curve) shall be provided by the winning bidder.
 - I. See plans/consult the end-user and project inspector for details and extent of work. The silence of specifications, plans, special provisions and supplementary specifications as to any detail, or the apparent omission therein of detailed description or definition of the quality of materials and workmanship shall be regarded to mean that only materials and workmanship of first class quality are to be used or employed.

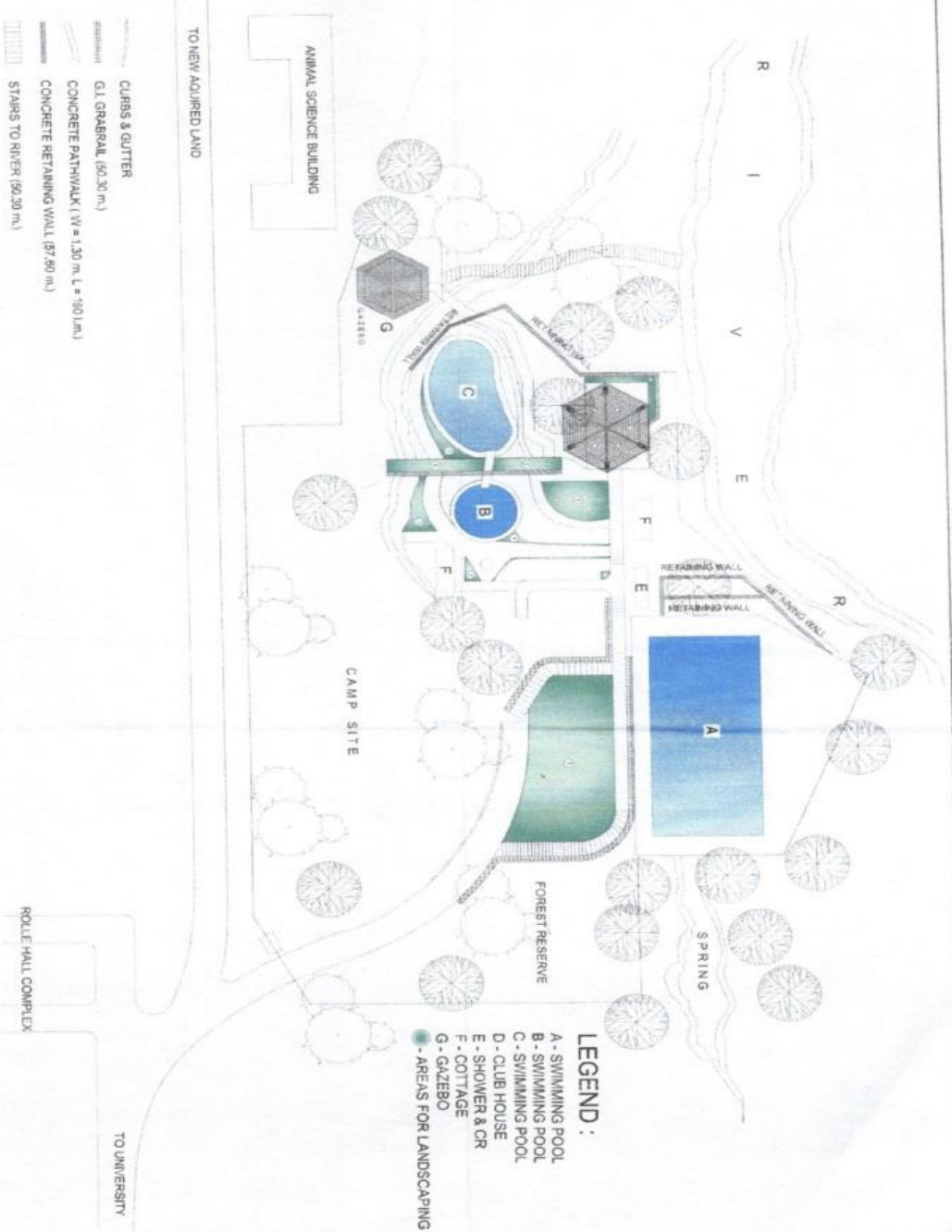


LOCATION PLAN

NTS



	PREPARED BY:  J. S. Tolosa CHIEF	REVIEWED BY:  S. B. Alonzo S.B. ALONZO CHIEF	RECOMMENDED BY:  O. B. Delos Reyes O. B. DELOS REYES CHIEF	APPROVED BY:  M. D. Robles M. D. ROBLES CHIEF	PROJECT TITLE: IMPROVEMENT OF LANDSCAPE OF BANO DE SENORA RESORT	AGENCY: CVSU	SHEET NO: A-00
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- CURBS & GUTTER
- G.I. GRAVEL (50.30 m²)
- CONCRETE PATHWALK (V = 1.30 m, L = 150 LM)
- CONCRETE RETAINING WALL (7.80 m)
- STAIRS TO RIVER (50.30 m²)



SCALE: 1:500 MTS

SITE DEVELOPMENT PLAN



PREPARED BY: <i>[Signature]</i> M.N. GARDULA	BIDDER: <i>[Signature]</i> V.C. OOSTA	REVIEWED BY: <i>[Signature]</i> S. BANTON	RECORDS APPROVAL: <i>[Signature]</i> M. J. TORO	APPROVED BY: <i>[Signature]</i> D. ROBLES	PROJECT TITLE: IMPROVEMENT OF LANDSCAPE OF BANDO DE SENORA RESORT	AGENCY: CVSU	SHEET NO.: A-01
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