

SECTION V

SPECIAL CONDITIONS OF THE CONTRACT

GCC Clause	
1.16	The Intended Completion Date is <u>October 11, 2016</u> .
1.21	The Procuring Entity is <i>Dr. JESSE T. ZAMORA</i> <i>College President</i> <i>Mindoro State College of Agriculture and Technology</i> <i>Main Campus</i> <i>Alcate, Victoria, Or. Mindoro</i>
1.22	The Procuring Entity's Representative is <i>Mr. Vicente G. Hernandez</i> <i>VP for Administration and Finance</i> <i>MinSCAT Main Campus, Alcate, Victoria, Or. Mindoro</i>
1.23	The Site is located at <i>Mindoro State College of Agriculture and Technology</i> <i>Main Campus</i> <i>Alcate, Victoria, Or. Mindoro</i>
1.27	The Start Date is <u>March 16, 2016</u> .
1.30	The Works includes but is not limited to the Construction of Phase I of the Proposed Three-Storey Agriculture & Ecology Laboratory Building at MinSCAT Main Campus with a total floor area of one thousand two hundred eighty seven square meters (1,287 sq.m.)
2.2	<i>Not Applicable</i>
5.1	The Procuring Entity shall give possession of all parts of the Site to the Contractor on .
6.5	The Contractor shall employ the following Key Personnel : <ol style="list-style-type: none"> 1. <i>Project Manager</i> 2. <i>Project Engineer</i> 3. <i>Materials Engineer</i> 4. <i>Foreman</i>
7.4 (c)	No further instructions.
7.7	No further instructions.

8.1	No further instructions.
10	Not applicable.
12.3	No further instructions.
12.5	Fifteen (15) years.
13	No additional provision.
18.3 (h) (i)	No further instructions.
21.1	The Arbiter is: Mindoro State College of Agriculture and Technology Alcate, Victoria, Or. Mindoro
29.1	Day works are applicable at the rate shown in the Contractor's original Bid.
31.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within _____ days of delivery of the Letter of Acceptance.
31.3	The period between Program of Work updates is _____ days. The amount to be withheld for late submission of an updated Program of Work is _____.
34.3	The Funding Source is the <i>Government of the Philippines</i> .
39.1	The amount of the advance payment is <i>fifteen percent (15%) of the contract amount</i> .
40.1	Materials and equipment delivered on the site but not completely put in place shall be included for payment.
51.1	The date by which operating and maintenance manuals are required is _____. The date by which "as built" drawings are required is _____.
51.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is _____.

SECTION VI

SPECIFICATIONS AND SCOPE OF WORKS

SPECIFICATIONS

Item No.	Description	% of Total	Unit	Quantity
I	CLEARING AND GRUBBING	0.25	L.S.	1.00
II	EXCAVATION OF FOOTING, WALL FOOTING AND SEPTIC TANK	0.31	L.S.	1.00
III	BACKFILLING / GRAVEL BEDDING	1.15	L.S.	1.00
IV	REINFORCING STEEL	25.15	L.S.	1.00
V	STRUCTURAL CONCRETE	26.78	L.S.	1.00
VI	CARPENTRY	3.32	L.S.	1.00
VII	CEMENT PLASTER FINISH	4.47	L.S.	1.00
VIII	SLIDING WINDOW AND DOORS	5.41	L.S.	1.00
IX	MASONRY AND WOODEN PAINTING	3.16	L.S.	1.00
X	RAILINGS FOR STAIR, BALCONY & RAMP	1.48	L.S.	1.00
XI	MASONRY WORKS INCLUDING SEPTIC TANK	12.50	L.S.	1.00
XII	CONDUIT BOXES AND FITTINGS	0.49	L.S.	1.00
XIII	WIRES AND WIRING DEVICE	0.94	L.S.	1.00
XIV	PANNEL BOARDS AND CABINETS	0.08	L.S.	1.00
XV	LIGHTING FIXTURES	0.58	L.S.	1.00
XVI	SANITARY AND PLUMBING WORKS	0.68	L.S.	1.00
XVII	COMMON T & B FINISHES & FIXTURES	1.27	L.S.	1.00
XVIII	SAFETY & HEALTH OFFICER AND EQUIPMENT	0.71	L.S.	1.00
XIX	TILE WORKS	4.49	L.S.	1.00
XX	OVERHEAD, RETENTION	6.78	L.S.	1.00

GENERAL

- a) All applicable provisions of the different divisions of the Specifications for each work shall apply for all items cited in this schedule.
- b) 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.
- c) 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 by the Contractor. Such materials shall be of the highest quality and kind, and installed or applied in a workmanlike manner at prescribed or appropriate locations following the Standard Practice of Civil Engineering, National Building Code of the Philippines and Construction Procedures.
- d) All items with specified approved brand, manufacturer, supplier, fabricator, trademark and the like shall be strictly followed.
- e) The Contractor shall coordinate the work with the Project Management Office to expedite the implementation of the project.
- f) The Contractor shall supply all finishing accessories and furnishing fixtures as may be approved by the owner or representative and shall be installed by the Contractor whenever required by the Owner or Representative.

1 MOBILIZATION/DEMOBILIZATION

- 1.1 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.
- 1.2 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 site cleanup of temporary offices and other facilities assembled on the site specifically for this contract.

2 CONSTRUCTION SAFETY AND HEALTH PROGRAM

- 2.1 This item includes provision of safety gadgets (belt, goggles, hard hat, working uniform and safety shoes) for all workers on the hard hat area.

3 PROJECT PHOTOGRAPHS. Monthly accomplishment report shall be submitted to MinSCAT complete with pictures of on-going project.

- 3.1 The Contractor must present a report on the project's progress shown through photographs.
- 3.2 Seven (7) accomplishment reports shall be submitted to MinSCAT: 1) at 15% accomplishment; 2) at 30% accomplishment; 3) at 45% accomplishment; 4) at 60% accomplishment; 5) at 75% accomplishment; 6) at 90% accomplishment; and 7) at 100% accomplishment, complete with pictures of accomplished work.

4 PROJECT BILLBOARDS

- 4.1 Contractor must provide two project billboards showing information about the project.
- 4.2 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:*

Tarpaulin, white, 8ft x 8ft

Resolution: 70 dpi

Font: Helvetica

Font Size: Main Information – 3”

Sub-Information -1”

Font Color: Black



Republic of the Philippines
Mindoro State College of Agriculture and Technology
Main Campus
 Alcate, Victoria, Oriental Mindoro
PROJECT MANAGEMENT OFFICE

Project: THREE-STOREY AGRICULTURE & ECOLOGY LABORATORY BUILDING PHASE II Cost: _____

Location: Mindoro State College of Agriculture and Technology Main Campus, Alcate, Victoria, Or. Mindoro Fund Source/s: _____

Implementing Agency/ies: _____

Development Partner/s: _____

Contractor/Supplier: _____

Brief Description of Project: _____

Duration	Project Date		Percentage of Completion	Project Status		Date Completed	Remarks
	Started	Target Date of Completion		As of (Date)	Cost Incurred to Date		

For particulars or complaints about this project, please contact the Regional Office or Cluster Which has audit jurisdiction on this project:

COA Regional Office No./Cluster: _____

Address: _____

Contact No. : _____ or Text COA Citizen's Desk at 0915-5391957

5 TEMPORARY FACILITIES/ FIELD OFFICE

5.1 This item includes the construction of temporary facilities to be used by the Contractor.

6 SITEWORKS

6.1 EARTH WORKS

- 6.1.1 Fill borrow materials. Granular, non-plastic materials from off-site source.
- 6.1.2 Backfilling. Approved and clean materials. Lay backfilling not more than 150mm thick, each layer thoroughly compacted and wetted by tamping or rolling. This shall extend to area as indicated in the plan.

6.2 SITE CLEARING

- 6.2.1 Remove all unnecessary obstructions on site such as unused materials, protruding structures, trash and garbage, including dead trees within and around the construction area.
- 6.2.2 All MinSCAT -owned materials shall be turned over to the Maintenance Unit.
- 6.2.3 The Contractor shall be responsible for the disposal of all demolished materials; no debris shall be left on MinSCAT grounds.

6.3 DEMOLITION

- 6.3.1 Demolish and remove structures and other obstructions within the area as appointed by MinSCAT.
- 6.3.2 Cap all existing utility lines. Consult Owner/ Representative before commencing work.

7 FORMS AND SCAFFOLDING

- 7.1 All forms for concrete works shall be properly braced or connected together so as to maintain the correct position and shapes of the concrete members. Forms shall be constructed sufficiently tight to prevent bulging and seepage of water.
- 7.2 Forms shall not be removed until the concrete has attained sufficient strength to support its own weight and any loads that may be placed on it. Sides of beams and girder may be removed earlier than the bottom forms but additional post or shoring must be placed under the beams or girders until they have attained the strength.

8 REINFORCED CONCRETE WORKS

8.1 REINFORCING STEEL BARS

- 8.1.1 All steel reinforcing bars to be used in this construction shall consist of round deformed bars with lugs or projections on their sides to provide a greater bond between the concrete and steel.
- 8.1.2 All reinforcing bars shall be accurately placed and secured against displacement by tying them together at each bar intersection with gauge no. 16 or 18 tie wire.
- 8.1.3 The steel reinforcing bars indicated for footings, columns, beams, slabs and other concrete members shall conform to the number, size and spacing as indicated in the drawings or schedule of steel reinforcement.
- 8.1.4 No metal reinforcement shall be installed in place unless it is free from rust and scale of other coatings, which will destroy or reduce bond with concrete.

- 8.1.5 Use Grade 60 reinforcing steel bars for all reinforcements.
- 8.1.7 The Contractor shall, employ at his own expense an approved testing laboratory which shall conduct testing of all reinforcement sizes of each bulk under the supervision of the supervising Architect or Engineer.
- 8.1.8 Remove and replace all exposed rebars and post-tensioning tendons. Verify all areas where all corroded reinforcing steel bars shall be removed.

8.2. STRUCTURAL CONCRETE CLASS "A" (11 BAGS)

- 8.2.1 READY-MIX CONCRETE. 4,000 psi; 28 days, 11 bags
FOOTINGS, COLUMNS, BEAMS, SLABS, SHEARWALLS and OTHER CONCRETE STRUCTURES. Dimensions are to be sourced as indicated on the plans and to be verified by the authorized Engineer/Architect of MinSCAT.
- 8.2.2 All concrete works shall be done in accordance with the standard specifications for plant and reinforced concrete as adopted by the Government. Cement to be used shall be Portland cement or any other equivalent brands more readily available in the locality. Alternative cements so selected must meet the requirements of Portland cements and approved by the Architect/Engineer in- charge of construction.
- 8.2.3 Use class A (1:2:4) concrete mixture for all concrete works. Class A concrete shall be mixture of 1 part cement, 2 parts fine aggregate (sand), 4 parts coarse aggregate (G3/4") by volume, plus enough clean water to make the mixture into a pliable paste.
- 8.2.4 The fine aggregate for concrete shall consist of natural sand or of inert material with similar characteristics, having clean, hard and durable grains, free from organic matter or loam.
- 8.2.5 The coarse aggregate for concrete shall consist of river run gravel or crushed stone having maximum size $1/5$ of the nearest dimension between sides of forms of the concrete or $3/4$ of the minimum clear spacing between reinforcing bars, or between rebars and forms whichever is smaller.
- 8.2.6 The Contractor shall employ, at his own expense, an approved Testing Laboratory which shall make compression and slump tests and immediately submit copies of test reports to the supervising Architects or Engineers.
- 8.2.7 Make six (6) standard concrete cylinder samples for every structural concrete component poured (footings, columns, beams, slabs, etc.) and every two samples shall be tested according to 7, 14 and 28 days, respectively.

9 MASONRY WORKS

- 9.1 All masonry works, exterior and interior walls for all floors shall be done based on the approved drawings.
- 9.2 Concrete Hollow Blocks: Non load bearing type with even texture and well-defined edges, with a minimum compressive strength of 350 psi.
 - 9.2.1 Use 6" X 8" X 16" (125mm thick.) masonry units for all exterior and interior walls as indicated on the approved floor plans.
- 9.3 Masonry units shall be sound, dry, clean and free from cracks when placed and laid on the structure.
- 9.4 All concrete hollow blocks shall be extended unless otherwise specified and anchored up to the bottom of the slab, beams and columns.

- 9.5 Reinforcing bars: use 10mm in diameter vertical bars at 600mm on center and 10mm diameter horizontal bars at every third layer of CHB.
- 9.6 All reinforcing bars shall be accurately placed and secured against displacement by tying them together at each bar intersection with gauge no. 16 or 18 tie wire.
- 9.7 Mortar works: With mix and texture as required. Mortar shall be composed of one (1) part Portland cement and three (3) parts sand.

10 PLASTERING WORKS

- 10.1 Plaster works: With mix and texture as required. Plaster shall be composed of one (1) part Portland cement and two (2) parts sand.

11 METAL ROOFING WORKS

- 11.1 The works include provision and installation of all roofing materials required by the project and as shown on plans to be approved by the Owner or authorized representative/engineer.
- 11.2 All members shall be in accordance with the approved steel framing plans and these Specifications, and to the entire satisfaction of the Owner under the direct supervision and of Architect/ Engineer-in-charge.
- 11.3 The drawings are not intended to show every bolted or welded connection. All such item whether specifically mentioned or not, or indicated on the drawings shall be done if necessary to complete the structure.
- 11.4 Sheets shall be laid with the end and side laps as indicated on the brochures or supplied drawings. Unless otherwise specified, the minimum side laps shall be connected to the purlins using the specifications supplied by the manufacturer or other approved equivalent connector.
- 11.5 Welding, shearing, gas cutting, chipping and all other works involved in the fabrication of structural steel frames shall be done with accuracy and of the highest quality of workmanship.
- 11.6 For the main trusses: Use 2 pieces back-to-back 2" x 2" x ¼" Angle Bars for the top chords, bottom chords and king posts; and 2 pieces back-to-back 2" x 2" x 3/16" Angle Bars for the web members.
- 11.7 For the struts: Use 2 pieces back-to-back 2" x 2" x ¼" Angle Bars for the top chords, bottom chords and side posts; and 2 pieces back-to-back 2" x 2" x 3/16" Angle Bars for the web members.
- 11.8 Use 2" x 6" x 1.50mm thick LC Purlins with 600mm spacing. Purlins shall be provided with 2" x 2" x 3/16" angle bar cleats. Provide 12mm diameter sag rod as shown on the approved plans and drawings.
- 11.9 Use ¾" x 12" Standard Turn Buckle with 16mmØ Tension Rods as specified on the approved plans;
- 11.10 Provide steel base plates and anchor bolts for the truss connection as specified on the approved drawings.
- 11.11 Use 0.50mm thick Prepainted Rib-Type Long Span Roofing Sheets. The Contractor shall provide samples to be approved by MinSCAT.
- 11.12 Use 0.50mm thick Ridge Roll and Flashings.

- 11.13 Provide 15mm Polyethylene Foam Insulation with two (2) sides aluminized film. Insulation shall be secured with heavy duty duct tape. Insulation shall be fastened in-between the roofing sheets and the purlins.
- 11.14 Use 0.50mm thick stainless steel gutters on roofing for the Multi-Purpose Halls.
- 11.15 Use 2" x 4" x 1.50mm LC purlin and 2" x 6" x 1.50mm LC purlin for fascia board.
- 11.16 Use 0.40mm thick Preformed Stainless Steel Gutters on all parapet slab and parapet walls as indicated on the drawings.
- 11.17 All steel members shall be protected against corrosion using epoxy primer, epoxy reducer & epoxy enamel.

12 POST-TENSIONING

- 12.1 Mobilization/ demobilization;
- 12.2 Provision of post-tensioning tendons on all required beams and all necessary materials and labor;
- 12.3 Removal and replacement of all exposed post-tensioning tendons.
- 12.4 Supply of cement and Sika Intraplast as grouting materials;
- 12.5 Supply of bursting and elevation bars;
- 12.6 Rental of crane;

13 CEILING WORKS

- 13.1 Use ¼" thick x 4' x 8' Marine Plywood on 2" x 2" x 12' apitong wooden nailers for all offices, restrooms and Hallways/Corridor at Ground, Second and Fourth floor areas and as per plan details.
- 13.2 Use of the following (other) materials:
 - Glazing putty
 - 1" Finishing nails
 - 2" Finishing nails
 - 1" Common wire nail
 - 2" Common wire nail
 - 3" Common wire nail
 - Mesh tape 2"

14 GRANITE SLAB AND TILEWORKS

- 14.1 Tile works include the provision of all necessary fixtures and facilities required by the project and as shown on plans to be approved by the MinSCAT or authorized representative/engineer.
- 14.2 Appropriate cement, adhesive, grout, and all necessary tile accessories to be approved by the MinSCAT or Authorized Representative/Architect/Engineer.
- 14.3 Tile works cover floors for Ground Floor, Second Floor and Third Floor areas. Installation height for comfort rooms is as per details.
- 14.4 Use 60cm x 60cm Outdoor Granite Tiles for Lobby, Corridor and Waiting area at Ground

Floor.

- 14.6 Use 60cm x 60cm Outdoor Granite Tiles for Lobby, Corridor and Gallery at Second Floor.
- 14.10 Use 60cm x 60cm Outdoor Granite Tiles for Stairwell areas excluding Fire exit areas.
- 14.11 Use 60cm x 60cm Outdoor Granite Tiles for Fire Exit Stairs.
- 14.12 Use Fine Peebles for Main Entrances, Entrances @Ground floor and Ramp
- 14.16 Use Phenolic board cubicle partition and Phenolic doors 0.80m x 1.60m with complete accessories on all cubicle doors.
- 14.17 On Male restrooms, use Phenolic modesty and ledge board for all urinals.
- 14.18 On all water closets, provide ledge board.
- 14.19 Cubicle door Lockset shall be Direct hardware DF-203SS 70mm x 48mm.
- 14.20 Appropriate cement, adhesive cement, grout and all necessary tile accessories to be approved by MinSCAT Main Campus or authorized Representative/Architect/Engineer.
- 14.21 This work includes the application of water proofing materials required by the projects and as shown on plan to be approved by the owner and authorized Representative/Architect/Engineer.

15 . WATERPROOFING WORKS

- 15.1 Plexibond Cementitious Waterproofing (Davies or equivalent) shall be used on all finished restrooms and fifth floor areas as per plan details.

16 PLUMBING FIXTURES

- 16.1 All plumbing works included herein shall be executed according to the provisions of the National Plumbing Code, National Building Code and the Rules and Regulations of the Municipality of Victoria.
- 16.2 All materials to be used shall be new and shall conform to the Reference Code and Standards. Use of materials shall further be governed by other requirements, imposed on other section of these specifications. Materials shall be subject to test necessary for their fitness if so required.
- 16.3 The Contractor shall furnish all materials, labor and equipment necessary for the installation of all plumbing fixtures and accessories.
- 16.4 All materials and equipment to be installed shall be of approved quality and should be presented to MinSCAT Main Campus/Representative Architect/Engineer for approval prior to installation.
- 16.5 Supply and installation of approved brand of plumbing fixtures, HCG or equivalent for lavatories, urinals and water closets. Provide samples for Owner's approval.

17 PANTING WORKS

- 17.1 All painting materials shall be DAVIES or approved equivalent, unless otherwise specified. Use first class neutralizer, primer putty, tinting color and thinning solvents of the same brand.
- 17.2 Painting works for wall for all interior walls and ceilings for ground floor, second floor and fourth floor and all carpentry works;

18 ELECTRICAL WORKS

- 18.1 All works shall be in accordance with the governing codes and regulations of the latest edition of the Philippine Electrical Code, with the rules and regulations of the National and Local Authorities concerned in enforcement of electrical laws and ordinance and with the rules and regulation of the utility companies concerned.
- 18.2 Contractor shall furnish all labor, equipment and materials as may be approved by the owner or his/her representative and shall perform all operations with electrical system shown I the drawings, their test and inspection complete in accordance with specifications and drawings and subject to terms and conditions of the contract and materials not specifically mentioned to bring the electrical system to operating condition and ready for use by the owner.
- 18.3 Electrical materials shall be as specified in the electrical drawing details as shown in the plans and bill of quantities.
- 18.4 Floor Standing/Wall Mounted Main Distribution Power Panel board (MDPP-A, MDPP-B) & Main Distribution Lighting Panel board (MDLP-A, MDLP-B) shall be NEMA-1 Enclosure, 3 pole. All panels shall be finished in light gray enamel (ANSI #61) over a rush inhibitor.
- 18.5 All Lighting & Power Panels shall be required by 3 pole circuit breaker on main and 2 pole circuit breaker in the branch circuits as detailed in drawing. Use only one(1) brand of circuit breaker.
- 18.6 Panels and cabinets shall be fabricated by reputable fabricators, Fuji-Haya electric, Asiaphil Industries, LJ Industrial and RMR Electric Corporation or their quality equivalent as approved by the owner.
- 18.7 All wires and cables shall comply with the requirements of the Underwriter's Laboratories, the ASTM and IPCEA as they apply in the particular.
- 18.8 Wires and cables for lighting, power and auxiliary systems shall be nylon, jacketed, plastic insulated for 600 volts working pressure, type THHN/THWN unless otherwise noted. Type TW, colored white for grounding.
- 18.9 For lighting system, no wire smaller than 2.0mm². (AWG No. 14 stranded) shall be used and must be color coded.
- 18.10 For power system, no wire smaller than 3.5mm². (AWG No. 12 stranded) shall be used.
- 18.11 All feeder cable/wires shall be color coded and as manufactured by Duraflex or approved equal. Color coding or wires are as follows:
- | | |
|---------------------------|-------------------------|
| Line A - Red | Ground wire - white |
| Line B - Yellow | Line C - Blue or Black |
| Control wire #01 - Yellow | Control wire #02 - Blue |
- 18.12 Metallic conduits for interior and exterior systems shall be a standard weight, mild, steel, hot dip galvanized with an interior coating as manufactured by Matsushita, Sumitomo, McGill or their approved equal. μ PVC non metallic conduits embedded in concrete slabs, concrete wall and partitions shall be high-impact type by Emerald or approved equal.

- 18.13 No conduits shall be used in any system smaller than 20mm diameter, electric trade size, Location and sizes of pull boxes shall be cleared to the Engineer prior to fabrication and installation.
- 18.14 All outlets of whatever kind, for all systems, shall be provided with suitable fittings, which shall be either a box or other devices especially designed to receive the type of fittings to be mounted thereon. Outlets shall be manufactured by National, Toshiba or approved equal.
- 18.15 Wall switches shall be rated at 15 amperes, 300 volts, one way, two pole, three way or four way as required. Certain combinations shall be furnished with pilot lights as required and where indicated on the drawings. Switches shall be manufactured by National, Toshiba or approved equal.
- 18.16 The lighting system shall be complete in every aspect, all as indicated on the plans as specified. All wiring shall be installed in μ PVC schedule 40 of specified brand or as indicated in the plans and in general shall be concealed in the structure. Mounting heights of devices shall be as detailed on the plans or as follows:
- | | | |
|------------------|---|---|
| Local switches | - | 1370mm from center of device to finished floor line. |
| Receptacles C.O. | - | 300mm above floor or 150mm above counters, or as shown on in Architectural details. |
- 18.17 All lighting fixtures (indoor & outdoor) and emergency lights shall be new and approved type.
- 18.18 All metallic conduits, cabinets and equipment shall be properly grounded and bonded by means of copper straps. The conduits of each system shall be grounded by connecting to the ground.
- 18.19 Provide and install a complete lightning protection system in compliance with the specifications and standards for the most current editions of the National Fire Protection Association & Philippine National Fire Protection association. All lightning protection materials and components shall comply in weight, size and composition with National Fire Protection Association, lightning protection material code requirements for this type of structure. Licensed Lightning Protection Contractor shall designed and be approved by TWG prior to installation.
- 18.20 The Contractor shall furnish all materials, labor and equipment necessary for the installation of Solar Power System. All materials and equipment to be installed shall be of approved quality and should be presented to the Owner for approval prior to installation.
- 18.21 Kw-hr meter complete with meter base socket, class 200, 240 v, single phase, 2 wire, (Brand G.E,KV2C or equivalent).
- 18.22 Other items not mentioned in the specifications but are included in the installation shall be subjected to be pre-approved by the owner.

19 FIRE DETECTION AND ALARM SYSTEM

- 19.1 The fire alarm control panel shall be modular, solid state, dead-front construction. The control panel registers signal from automatic fire detectors, manual call points and other

input modules via the detection line. It evaluates the signals and carries out control functions via internal and external outputs. Use Brand Cooper or equivalent quality for the 8 Zone Fire Alarm Control Panel, Bi-wire, Conventional Addressable, 24-volt with back up battery for 48 hours.

- 19.2 The local combination box shall consist of red-colored indication lamp, manual pull station and fire alarm bell. This shall be flush-mounted and the exact location
- 19.3 Use high quality smoke detectors.
- 19.4 The manual pull station shall be inside the local combination box with indication lamp to indicate the receipt of the signal from the manual station. Material shall be constructed from 1.2mm thick steel with bright red color finish. Alarm signal is transmitted to the control panel by pushing the push-button inside the box.
- 19.5 This Alarm signal is a motor driven low-current consumption operating at 24V DC. Bells shall be operated on the fire outbreak floor and the floor just above and below it and at the other case can be sounded simultaneously.
- 19.6 The indicator lamp identifies the fire alarm station. Power supply to the bulb is 24V, 1W coming from the fire alarm control panel.
- 19.7 All exposed pipes and fittings shall be EMT. Concealed pipes can be used μ PVC.
- 19.8 Boxes(junction, utility and square box) shall be galvanized steel
- 19.9 Cable size to be used shall be 1.25mm^2 TF wire, 16/2 twisted with Duraflex brand or its equivalent

20 FIRE PROTECTION WORKS

- 20.1 The Contractor shall furnish all materials, labor and equipment necessary for the installation of the Fire Protection System of the building. All B.I. pipes, fittings, valves and accessories shall be specified in the drawing details/ bill of materials.
- 20.2 The drawings are not intended to show every pipe, fittings, valves and accessories. All such item whether specifically mentioned or not, or indicated on the drawings shall be finished and installed if necessary to complete the system in accordance with the best practice of the Mechanical Trade and to the satisfaction of the Owner/Representative.
- 20.3 Use schedule 40 B.I. pipes and fittings for all fire protection pipelines. Standard fire hose cabinet should be complete with valves, fire nozzles and 30m hose.
- 20.4 Use 100mm, 75mm, 65mm, 50mm, 40mm, 25mm nominal diameter schedule 40 B.I. pipes for all fire protection pipelines.
- 20.5 Use elbows with 25mm, 40mm, 65mm, 75mm nominal diameter; elbow reducers with 40mmx25mm nominal diameter; straight tees with 50mm, 40mm, 25mm nominal diameter; tee reducers with 75x75x100mm, 75x75x65mm, 65x65x40mm, 40x40x25mm, 50mmx50mmx40mm, 50mmx50mmx25mm, 65mmx65mmx25mm nominal diameter; coupling with 75mm nominal diameter, coupling reducers with 75mmx65mm and 65mmx50mm nominal diameter.
- 20.6 Use sprinkler head, pendent type, Viking.
- 20.7 Use 2x65x65mm diameter Siamese twin connection with built-in check valve.
- 20.8 Use isolation valve 100mm diameter with supervisory switch, OSY.

- 20.9 Use Gate Valve 65mm and 50mm diameter , OSY Fireking.
- 20.10 Use 100mm diameter Check Valve, Kennedy.

21 PLUMBING WORKS AND DRAINAGE SYSTEM

- 21.1 All plumbing works included herein shall be executed according to the provisions of the National Plumbing Code, National Building Code and the Rules and Regulations of the Municipality of Victoria.
- 21.2 Use PPR Pipes/ GI Pipe of approved size and quality for water lines.
- 21.3 The drawings are not intended to show every pipes, fittings, valves and appliances. All such item whether specifically mentioned or not, or indicated on the drawings shall be finished and installed if necessary to complete the system in accordance with the best practice of the Plumbing Trade and to the satisfaction of the Owner/Representative.
- 21.4 All materials to be used shall be new and shall conform to the Reference Code and Standards. Use of materials shall further be governed by other requirements, imposed on other section of these specifications. Materials shall be subject to test necessary for their fitness if so required.
- 21.5 The Contractor shall furnish all materials, labor and equipment necessary for the installation of all water lines, sewer lines and plumbing fixtures and accessories.
- 21.6 All materials and equipment to be installed shall be of approved quality and should be presented to MinSCAT Main Campus/Representative Architect/Engineer for approval prior to installation.
- 21.7 Supply and installation of two (2) 5,951 liters and one (1) 12,880 liters cylindrical stainless water tanks (BESTANK or approved equivalent) at the fifth floor. Refer to plans;
- 21.8 Supply and installation of 5HP centrifugal pump to be installed to supply water from cistern to water tanks in the 3rd floor; supply and installation of 0.75HP booster pump on the 12,880 liters water tank to supply water to 3rd floor toilets. (see plumbing plans)

22 SEPTIC VAULTS AND CATCH BASINS

- 22.1 Supply and installation of four (4) high density polyethylene or HDPE septic tanks with 1,250 gal capacity;
- 22.2 Construction of catch basins on specified locations

23 HAULING OF WASTES & DEMOLISHED MATERIALS

- 23.1 This item includes housekeeping and cleaning / removal of excess and unnecessary materials.

SCOPE OF WORKS

1.0 SCOPE OVERVIEW (FOR PHASE 1)

The Scope of Work includes but is not limited to the construction of Phase II of the Proposed Three -Storey Agriculture & Ecology Laboratory Building located at MinSCAT Main Campus, Alcate, Victoria, Oriental Mindoro with a total floor area of one thousand five hundred ninety three square meters (1,593 sq.m.).

2.0 DESCRIPTION OF THE FACILITY

2.1 The proposed Agriculture & Ecology Laboratory Building is a three (3) storey building that shall house:

GROUND FLOOR

1. Three classrooms
2. One office
3. Two sets of comfort rooms

SECOND FLOOR

1. Four classrooms
2. One office
3. Two sets of comfort rooms

THIRD FLOOR

1. Four classrooms
2. One office
3. Two sets of comfort rooms

3.0 The other facilities included in the project are:

- 1) Fire Detection Alarm System
- 2) Fire Protection System

The building construction in general will be reinforced concrete framed structure with combination of concrete hollow blocks (CHB) and dry wall partitions as walls;

4.0 DURATION

The Contract duration is for a period up to two hundred ten (210) calendar days.

5.0 SCOPE OF WORK

The Scope of Work shall include the following but not limited to:

Item No.	Description	% of Total	Unit	Quantity
I	CLEARING AND GRUBBING	0.25	L.S.	1.00
II	EXCAVATION OF FOOTING, WALL FOOTING AND SEPTIC TANK	0.31	L.S.	1.00
III	BACKFILLING / GRAVEL BEDDING	1.15	L.S.	1.00
IV	REINFORCING STEEL	25.15	L.S.	1.00
V	STRUCTURAL CONCRETE	26.78	L.S.	1.00
VI	CARPENTRY	3.32	L.S.	1.00
VII	CEMENT PLASTER FINISH	4.47	L.S.	1.00
VIII	SLIDING WINDOW AND DOORS	5.41	L.S.	1.00
IX	MASONRY AND WOODEN PAINTING	3.16	L.S.	1.00
X	RAILINGS FOR STAIR, BALCONY & RAMP	1.48	L.S.	1.00
XI	MASONRY WORKS INCLUDING SEPTIC TANK	12.50	L.S.	1.00
XII	CONDUIT BOXES AND FITTINGS	0.49	L.S.	1.00
XIII	WIRES AND WIRING DEVICE	0.94	L.S.	1.00
XIV	PANNEL BOARDS AND CABINETS	0.08	L.S.	1.00
XV	LIGHTING FIXTURES	0.58	L.S.	1.00
XVI	SANITARY AND PLUMBING WORKS	0.68	L.S.	1.00
XVII	COMMON T & B FINISHES & FIXTURES	1.27	L.S.	1.00
XVIII	SAFETY & HEALTH OFFICER AND EQUIPMENT	0.71	L.S.	1.00
XIX	TILE WORKS	4.49	L.S.	1.00
XX	OVERHEAD, RETENTION	6.78	L.S.	1.00

6.0 CONSTRUCTION

The Contractor shall carry out all the Construction works including the following but not limited to:

- a) The Contractor shall be responsible for site preparation and installation of temporary fencing to secure work area, as well as necessary gates and access control system to the satisfaction of MinSCAT;
- b) The Contractor shall make adequate site survey, verification and setting outs;
- c) 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;
- d) Construction safety and Health program includes provision of safety gadgets (belt, goggles, hard hat, working uniform and safety shoes) for all workers on the hard hat area;
- e) 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 site cleanup of temporary offices and other facilities assembled on the site specifically for this contract;
- f) Monthly accomplishment report shall be submitted to MinSCAT complete with pictures of on-going project;
- g) 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 shall have the following specifications:*
 - Tarpaulin, white, 8ft x 8ft*
 - Resolution: 70 dpi*
 - Font: Helvetica*
 - Font Size: Main Information - 3"*
 - Sub-Information -1"*
 - Font Color: Black*
- h) The construction of temporary facilities;
- i) All earth works including but not limited to excavation, grading, hauling, backfilling and compaction to the required grades and levels as shown on the drawings;
- j) Demolition and removal of all site existing structures and other obstructions within the area where additional structures will be erected such as the removal of the existing fire exit stairs and the floor slabs at the ground, second and third floor where the elevator shaft shall be erected but the slab reinforcements shall not be removed;
- k) Erection of forms and scaffoldings;

- l) The existing fire exit stairs shall be removed without affecting or damaging nearby structures;
- m) The ground floor slab, second and third floor slabs including the floor beams shall be demolished to make way for the construction of the elevator shaft as specified on the approved plans but the slab reinforcements shall not be removed, consult a representative from MinSCAT before demolition;
- n) Sheet piles shall be installed and driven to the ground on the location of the foundation for the elevator shaft during excavation to prevent soil erosion due to low water table within the area;
- o) All existing masonry walls shall be removed and be replaced with new concrete hollow blocks;
- p) The Contractor shall be responsible for the disposal of all demolished materials, no debris shall be left on MinSCAT grounds;
- q) All concrete works shall be done in accordance with the standard specifications for plain and reinforced concrete as adopted by the Government. Cement to be used shall be Portland cement or any other equivalent brands more readily available in the locality;
- r) Concrete works include the pouring of ready-mix concrete mixture (Class A, 4,000 psi, 28 days, 11 bags) for foundations, columns, beams, slabs, shearwalls, parapet walls and slabs, stairs, canopies, cistern and other reinforced concrete structures of the building to be approved by MinSCAT;
- s) Concrete mix and steel reinforcement shall be approved by the Civil Engineer of MinSCAT;
- t) The entire Ground Floor shall be poured with concrete for an additional one (1) step of the current stair height and reinforced with 12mm diameter reinforcing steel bars spaced at 300mm on center placed both ways;
- u) Provide stiffener columns symmetrical to the existing. Refer to the plans and consult MinSCAT representative;
- v) Construction of additional Shearwall "SW-6" with foundation as specified on the approved plans to be verified on site by the Contractor;
- w) Masonry works include the laying of Concrete Hollow Blocks of Non load bearing type with even texture and well-defined edges, with a minimum compressive strength of 350 psi;
- x) All masonry walls shall be provided with 10mm diameter reinforcing steel bars;
- y) Use 5" Concrete Hollow Blocks for all interior and exterior walls as specified on the approved plans and drawings;
- z) Masonry wall finishes shall be smooth plaster finish;
- aa) Plastering works;
- bb) All concrete hollow blocks shall be extended unless otherwise specified and anchored up to the bottom of the slab, beams and columns;
- cc) All masonry works, exterior and interior walls for all floors shall be done based on the approved drawings;
- dd) The Metal Roofing works include provision and installation of all roofing materials required by the project and as shown on plans to be approved by MinSCAT;

- ee) For the main trusses, use 2 pieces back-to-back 2" x 2 x ¼" Angle Bars for the top chords, bottom chords and king posts; and 2 pieces back-to-back 2" x 2" x 3/16" Angle Bars for the web members;
- ff) For the struts, use 2 pieces back-to-back 2" x 2 x ¼" Angle Bars for the top chords, bottom chords and side posts; and 2 pieces back-to-back 2" x 2" x 3/16" Angle Bars for the web members;
- gg) Use 2" x 6" x 1.50mm thick LC Purlins with 600mm spacing. Purlins shall be provided with 2" x 2" x 3/16" angle bar cleats. Provide 12mm diameter sagrod as shown on the approved plans and drawings;
- hh) Install ¾" x 12" Standard Turn Buckle with 16mmØ Tension Rods as specified on the approved plans;
- ii) Provide steel base plates and anchor bolts for the truss connection as specified on the approved drawings;
- jj) Install 0.50mm thick Pre-painted Rib Type Long Span Roofing Sheet for roofing with 0.50mm thick Ridge Rolls and Flashings;
- kk) Use 15mm Polyethylene Foam Insulation with two (2) sides aluminized film. Insulation shall be secured with heavy duty duct tape. Insulation shall be fastened in-between the roofing sheets and the purlins;
- ll) Install 0.50mm thick stainless steel gutters on roofing for the Multi-Purpose Halls with one (1) piece 2" x 6" x 1.50mm and one (1) piece 2" x 4" x 1.50mm Fascia Board;
- mm) Install 0.40mm thick preformed stainless steel gutters on parapet slabs and parapet walls;
- nn) All steel members shall be protected against corrosion using epoxy primer, epoxy reducer & epoxy enamel;
- oo) Provision of post-tensioning tendons on reinforced concrete beams and all necessary materials and required labor, supply of cement and Sika Intraplast as grouting materials, supply of bursting and elevation bars, rental of crane, mobilization and demobilization;
- pp) Removal and replacement of all exposed rebars and post-tensioning tendons. Verify all areas where all corroded reinforcing steel bars shall be removed;
- qq) The Contractor shall provide all doors, door jamb and windows and other materials needed as specified in the drawing plans and specification;
- rr) Ceiling works shall be provided on ground floor, second floor and fourth floor as specified in the drawing plans and specification;
- ss) Granite slab/ tile works on ground floor, second floor and fourth floor areas include the provision of all necessary fixtures and facilities required by the project to be approved by the MinSCAT or authorized representative architect/engineer. Also includes stair and restroom finishing works.
- tt) The fifth floor slab and all restroom floors shall be provided with waterproofing (DAVIES or equivalent) as specified on the drawing plans and according to specifications;
- uu) Plumbing Fixtures include the provision of water closets, urinals, lavatories (HCG or equivalent), stainless floor drains, lavatory faucet, gooseneck faucets for sinks, hand dryers, stainless grab bar for PWD, soap holders and tissue holders, stainless kitchen sinks and stainless sink with drain board; all of approved brand and quality by MinSCAT;

- vv) Painting works for interior walls and ceilings for ground floor, second floor and third floor and all carpentry works;
- ww) All Electrical works shall provide all materials and equipment and perform all the work necessary for the complete execution of the electrical systems shown on the electrical drawings with reference to the general construction drawings as herein specified, or both except as otherwise excluding the generality of the foregoing, shall include but not limited to the following principal items of work;
- xx) Installation and supply of Panel Boards (Main Distribution Panel Board, Main Power Panel Board, Lighting Panel and Power Panel in every floor disconnect switches, enclosed circuit breakers and magnetic starters for fire pump and booster pump as shown on the plans;
- yy) Supply and installation of complete electrical and auxiliary work at specified floor (**1st, 2nd & 3rd Floor**), rough-in of μ PVC pipes, pipe sleeves on beams, junction boxes & utility boxes on third floor & fifth floor. Provision of lighting on every stairs of third & fifth floor with temporary supply, rough-in of μ PVC pipes & utility boxes as shown in the electrical plans;
- zz) Supply and installation of complete lighting systems (lighting fixtures, switches on specified floor as shown on the electrical plans;
- aaa) Supply and installation of complete power and control wiring to various mechanical and sanitary equipment unless otherwise specified;
- bbb) Supply and installation of wiring devices and accessories;
- ccc) Supply and installation of kilowatt-hour meter;
- ddd) Supply and installation of telephone communication system as shown in the plans;
- eee) Termination of all electrical system;
- fff) Conduct resistance testing for the grounding system;
- ggg) Conduct megger testing for all cable wires of main entrance and feeder lines;
- hhh) Complete testing and commissioning of all electrical lighting, power and auxiliary equipment systems
- iii) If anything has been omitted for any items of work or materials usually furnished, which are necessary for the completion of the entire work as outlined herein before, then such items must be and hereby included in this Section of work;
- jjj) Supply and installation of complete fire alarm system as shown in the electrical plans;
- kkk) Conduiting and wiring works for smoke detectors and other devices, including the conventional-type fire alarm control panel for a complete fire detection and alarm system as shown in the electrical plans.
- lll) Supply and installation of grounding system as shown in the electrical plan;
- mmm) Fire protection works includes but is not limited to supply of materials and labor for wet stand pipe fire protection works;
- nnn) Fabrication and installation of pipelines for fire sprinkler located at 1st to 3rd level and pipelines to fire hose cabinets at all floor levels. This also includes installation of sprinkler heads, fire hose cabinets, alarms, Siamese connection and other accessories as well as testing and commissioning for all fire protection works.
- ooo) All steel members shall be in accordance with the approved plans and their Specifications, and to the entire satisfaction of MinSCAT; Use schedule 40 Black Iron Pipes and fittings for all fire protection works;

- ppp) Fire hose cabinet to be installed shall be complete with valves, fire nozzles, 30m hose and other accessories;
- qqq) Installation of pressure switch and alarm valve and other valves and accessories for the fire protection works;
- rrr) Installation of appropriate hangers and support for the fire protection pipelines;
- sss) This also includes painting works for the pipe lines;
- ttt) All materials to be used shall be new and shall conform to the Reference Code and Standards. Use of materials shall further be governed by other requirements, imposed on the specifications. Materials shall be subject to test necessary for their fitness if so required;
- uuu) All plumbing works included herein shall be executed according to the provisions of the National Plumbing Code, National Building Code and the Rules and Regulations of the Municipality of Victoria;
- vvv) Use of GI / PPR pipes and fittings of approved brand and quality for water lines;
- www) Use of 2" diameter GI pipe (from future cistern tank to water tanks)
- xxx) Supply and installation of two (2) 5,951 liters cylindrical stainless water tanks (BESTANK or approved equivalent) at the third floor. Refer to plans;
- yyy) Supply and installation of 3HP centrifugal pump to be installed to supply water from future cistern to water tanks in the 3rd floor; (see plumbing plans)
- zzz) The drawings are not intended to show every pipes, fittings, valves, floor drains and appliances. All such item whether specifically mentioned or not, or indicated in the drawing shall be finished and installed if necessary to complete the system in accordance with the best practice of the Plumbing Trade and to the satisfaction of the Owner, Architect, and the Engineer-in-Charge;
- aaaa) Use PVC pipes (Neltex or approved equivalent) for sanitary and drainage lines;
- bbbb) All materials shall be new and shall conform to the Reference Code and Standards. Use of materials shall further be governed by other requirements, imposed on the specifications. Materials shall be subject to test if necessary for their fitness if so required;
- cccc) Construction of catch basins on specified locations.
- dddd) Supply and Supply and installation of four (4) high density polyethylene or HDPE septic tanks with 1,250 gal capacity;
- eeee) Hauling of waste and demolished materials and includes cleaning of all the excess and unnecessary materials;

7.0 CONTRACTOR'S SCHEDULE & PROGRESS REPORTING

- a) **Progress Reporting.** Throughout the Contract duration, the Contractor shall be responsible for taking detailed and accurate measurements of the actual progress of all aspects of the works.
- b) **Monthly Progress Report.** The Contractor shall maintain a Master Project Schedule to summarize the status of the work; work in progress and the percentage completed. This summary report shall be updated and issued at the end of each month.
- c) Contractor shall submit during the entire duration of the contract within five (5) days from the end of the preceding month, a monthly progress report under cover of a transmittal sheet and shall include as a minimum the following:
 - Management/Executive Report (Narrative)

- Construction Progress
 - Forecast for the next one month
 - Manpower (Management and Workforce)
 - Areas of Concern
 - Photographic Report
- d) **Meetings.** Contractor Key Personnel shall meet with MinSCAT representative upon request of MinSCAT to discuss matters related to the project. Contractor shall arrange to record the minutes of meeting and submit for MinSCAT approval.
- e) **Kick Off Meeting.** Immediately after the Notice to Proceed, a Kick off meeting shall be held between MinSCAT and Contractor. The initial Kick off meeting and recorded Minutes shall form the basis of the Project action plan and set such requirements as Safety and Constructability Reviews. It shall also be used to introduce MinSCAT and Contractor representatives associated with aspects of the work. The objectives of the kick-off meeting are as follows:
- Introduction all of MinSCAT's and Contractor's Project Management Team, Engineering and Construction team personnel;
 - Convey and promote shared commitment of project expectations;
 - Review and establish understanding of Project Work Scope;
 - Review overall project schedule;
 - Establish project meetings requirements and frequency of meetings; and
 - Establish reporting requirements and frequency of reports.
- f) **Minimum Mobilization of Key Personnel**
- Project Manager: full time from Contract award up to completion of Works, to be mobilized on site during the construction phase;
 - Site/Construction Engineer: full time from initiation of site mobilization activities up to provisional acceptance of the works
- g) **Testing Work.** The testing work will include all tests and checks on:
- All concrete mixtures poured on footings, columns, beams, shear walls, slabs and required tests on structural steel members and reinforcing bars;
 - Flushing and cleaning of water lines & piping works;
 - Testing the effectiveness and workability of electrical lines and water & sewer lines;
 - House cleaning of the work area in preparation of hand over to MinSCAT;
 - Testing of Elevator and Water Pumps
- h) **Commissioning punch list.** This shall be established for the purpose of recording all discrepancies, damaged or missing materials, malfunctions, missing documents and any deviation from the design drawings and specifications or normal operating conditions. All punch list items must be cleared from the system list prior to project turn over.

8.0 CONTRACTOR'S UTILITIES CONSUMPTION:

The Contractor shall pay their electric and water consumption bills. Sub meters shall be installed at the expense of the Contractor to determine their actual consumption.

9.0 CONFLICT IN REFERENCE DOCUMENTS

In the case of any conflict between the technical requirement and specifications of this contract and the reference documents, or among the reference documents, the order of precedence is:

- 1) Scope of Work
- 2) Basic Engineering Drawings
- 3) Technical Specifications
- 4) National Standards for Building Construction
- 5) International Codes and Standards
- 6) National Building Code of the Philippines

The Contractor shall notify any discrepancy found in the documentation to MinSCAT in writing for clarification. MinSCAT will respond to such request in writing.

SECTION VII DRAWINGS

List of Drawings

Sheet No.	Sheet Content
A1/21	Perspective Location Map Site Development Plan
A2/21	Ground Floor Plan
A3/21	Second Floor Plan
A4/21	Third Floor Plan
A5/21	Roof Plan
A6/21	Front Elevation Rear Elevation
A7/21	Left Side Elevation Right Side Elevation
A8/21	Section Thru "A" Section Thru "B"
E1/21	G/F Lighting Layout
E2/21	2/F & 3/F Typical Lighting Layout
E3/21	G/F Power Layout
E5/21	Schedule of Loads & Computations Riser Diagram
P1/21	G/F Plumbing Layout
P2/21	2/F & 3/F Typical Plumbing Layout
P3/21	Plumbing Isometry & Plumbing Details
S1/21	Foundation Plan
S2/21	Ground Floor Framing Plan
S3/21	Second & Third Floor Typical Framing Plan
S4/21	Roof framing Plan
S5/21	Structural Details

SECTION VIII BILL OF QUANTITIES

Item No.	Description	Quantity	Unit Price	Total Amount
I	CLEARING AND GRUBBING	1.00 L. S.		
II	EXCAVATION OF FOOTING, WALL FOOTING AND SEPTIC TANK	1.00 L.S.		
III	BACKFILLING / GRAVEL BEDDING	1.00 L. S.		
IV	REINFORCING STEEL	1.00 L. S.		
V	STRUCTURAL CONCRETE	1.00 L.S.		
VI	CARPENTRY	1.00 L.S.		
VII	CEMENT PLASTER FINISH	1.00 L.S.		
VIII	SLIDING WINDOW AND DOORS	1.00 L.S.		
IX	MASONRY AND WOODEN PAINTING	1.00 L.S.		
X	RAILINGS FOR STAIR, BALCONY & RAMP	1.00 L.S.		
XI	MASONRY WORKS INCLUDING SEPTIC TANK	1.00 L.S.		
XII	CONDUIT BOXES AND FITTINGS	1.00 L.S.		
XIII	WIRES AND WIRING DEVICE	1.00 L.S.		
XIV	PANNEL BOARDS AND CABINETS	1.00 L.S.		
XV	LIGHTING FIXTURES	1.00 L.S.		
XVI	SANITARY AND PLUMBING WORKS	1.00 L.S.		
XVII	COMMON T & B FINISHES & FIXTURES	1.00 L.S.		
XVIII	SAFETY & HEALTH OFFICER AND EQUIPMENT	1.00 L.S.		
XIX	TILE WORKS	1.00 L.S.		
XX	OVERHEAD, RETENTION	1.00 L.S.		

SECTION IX BIDDING FORMS

LIST OF FORMS

Form N o.	Title
MinSCAT Infra Form No. 1	List of On-going Private and Government Construction Contracts including Contracts Awarded but not yet started
MinSCAT Infra Form No. 2	Statement of all Government and Private Construction Contracts completed which as similar in nature
MinSCAT Infra Form No. 3	Net Financial Contracting Capacity
MinSCAT Infra Form No. 4a	Bank Guarantee
MinSCAT Infra Form No. 4b	Bid-Securing Declaration
MinSCAT Infra Form No. 5a	Organizational Chart
MinSCAT Infra Form No. 5b	Contractors Letter to the Procuring Entity
MinSCAT Infra Form No. 6a	Certificate of Availability of Key Personnel
MinSCAT Infra Form No. 6b	Qualifications of Key Personnel Proposed to be Assigned to the Contract
MinSCAT Infra Form No. 6c	Key Personnel's Biodata
MinSCAT Infra Form No. 6d	Manpower Utilization Schedule
MinSCAT Infra Form No. 7	Key Personnel's Certificate of Employment
MinSCAT U Infra Form No. 8a	Certificate of Availability of Equipment
MinSCAT Infra Form No. 8b	List of Equipment pledged to the proposed contract
MinSCAT Infra Form No. 8c	Equipment Utilization Schedule
MinSCAT Infra Form No. 9	Omnibus Sworn Statement
MinSCAT Infra Form No. 10	Affidavit of Compliance to Scope of Works and Specifications of Finishes and Materials
MinSCAT Infra Form No. 11	Bid Form

List of all Ongoing Government & Private Construction Contracts including contracts awarded but not yet started

Business Name : _____
 Business : _____
 Address : _____

Name of Contract/Location Project Cost	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works
			Description	%		Planned	Actual	
Government								
Private								
Total Cost								

NOTE: This statement shall be supported with:

- 1 Notice of Award and/or Contract
2. Notice to Proceed issued by the owner
- 3 Certificate of Accomplishments signed by the owner or Project Engineer

Submitted by : _____
(Printed Name & Signature)
 Designation : _____
 Date : _____

Statement of all Completed Government & Private Construction Contracts which are similar in nature

Business Name : _____
 Business : _____
 Address : _____

Name of Contract	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Amount at Award b. Amount at Completion	a. Date Awarded b. Contract Effectivity
			Description	%		
Government						
Private						

- Note: This statement shall be supported with:**
- 1 Contract
 - 2 CPES rating sheets and/or Certificate of Completion
 - 3 Certificate of Acceptance

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____

One of the technical documents required to be in the Eligibility Envelope of a prospective bidder is a list of all contracts which are similar in nature and complexity to the contract to be bid. This statement will show that the value of the prospective bidder's largest single completed contract, adjusted to current prices using the National Statistics Office (NSO) consumer price indices available at the G-EPS website, and similar to the contract to be bid, must be at least fifty percent (50%) of the approved budget for the contract to be bid.

NET FINANCIAL CONTRACTING CAPACITY

- A. Summary of the Applicant Firm's/Contractor's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

		Year 20__
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Total Net Worth (1-3)	
6.	Current Net Worth or Net Working Capital (2-4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = K (current asset – current liabilities) minus value of all outstanding works under ongoing contracts including awarded contracts yet to be started

NFCC = P _____

K = 10 for a contract duration of one year or less, 15 for more than one year up to two years and 20 for more than two years

Herewith attached are certified true copies of the income tax return and audited financial statement: stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year.

Submitted by:

Name of Firm / Contractor

Signature of Authorized Representative

Date : _____

NOTE:

1. If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.

FORM OF BID SECURITY (BANK GUARANTEE)

WHEREAS, (Name of Bidder) (hereinafter called "the Bidder") has submitted his bid dated (Date) for the (Name of Contract) (hereinafter called "the Bid").

KNOW ALL MEN by these presents that We (Name of Bank) of (Name of Country) having our registered office at _____ (hereinafter called "the Bank" are bound unto (Name of Procuring Entity) (hereinafter called "the Entity") in the sum of (insert amount) for which payment well and truly to be made to the said Entity the Bank binds himself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this ____ day of _____ 20__.

THE CONDITIONS of this obligation are that:

- 1) if the Bidder withdraws his Bid during the period of bid validity specified in the Form of Bid; or
- 2) if the Bidder does not accept the correction of arithmetical errors of his bid price in accordance with the Instructions to Bidder; or
- 3) if the Bidder having been notified of the acceptance of his bid and award of contract to him by the Entity during the period of bid validity:
 - a) fails or refuses to execute the Form of Contract in accordance with the Instructions to Bidders, if required; or
 - b) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

we undertake to pay to the Entity up to the above amount upon receipt of his first written demand, without the Entity having to substantiate its demand, provided that in his demand the Entity will note that the amount claimed by it is due to the occurrence of any one or combination of the three (3) conditions stated above.

The Guarantee will remain in force up to and including the date _____ days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Entity, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE : _____ SIGNATURE OF THE BANK _____

WITNESS : _____ SEAL _____

(Signature, Name and Address)

The bidder should insert the amount of the guarantee in words and figures, denominated in the currency of the Entity's country or an equivalent amount in a freely convertible currency. This figure should be the same as shown of the Instructions to Bidders. Usually 28 days after the end of the validity period of the Bid. Date should be inserted by the Entity before the bidding documents are issued.

REPUBLIC OF THE PHILIPPINES)

_____)S.S.

BID-SECURING DECLARATION

Invitation to Bid No. _____ [insert reference number]

To: MINDORO STATE COLLEGE OF AGRICULTURE AND TECHNOLOGY – MAIN CAMPUS
Alcate, Victoria, Oriental Mindoro

I / We, the undersigned, declare that:

1. I / we understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I / We accept that: (a) I / we will be automatically disqualified from bidding for any contract with any procuring entity for the period of two (2) years upon receipt of your Blacklisting Order; and (b) I / we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, if I / we have committed any of the following actions:
 - i) Withdrawn my / our Bid during the period of bid validity required in the Bidding documents; or
 - ii) Fail or refuse to accept the award and enter into contract or perform any and all acts necessary to the execution of the contract, in accordance with the Bidding Documents after having been notified of your acceptance of our Bid during the period of bid validity.
3. I / we understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b) I am / we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I / we failed to timely file a request for reconsideration or (ii) I / we filed a waiver to avail of said right;
 - c) I am / we are declared as the bidder with the Lowest Calculated and Responsive Bid / Highest Rated and Responsive Bid, and I / we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I / we have hereunto set my / our hand/s this ____ day of _____, at _____.

Name of Bidder
Authorized Representative
Legal Capacity
Affiant

SUBSCRIBED AND SWORN to before me this ____ day of _____ at _____, Philippines. Affiant /s is / are personally known to me and was / were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M.) No. 02-8-13-SC). Affiant/s exhibited to me his / her *[insert type of government identification card used]*, with his / her photograph and signature appearing thereon, with no.____ and his / her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of _____.

NAME OF NOTARIAL PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorney's No. _____

PTR No. _____, *[date issued]*, *[place issued]*

IBP No. _____, *[date issued]*, *[place issued]*

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

Contractor's Organizational Chart for the Contract

Submit Copy of the Organizational Chart that the Contractor intends to use to execute the Contract if awarded to him. Indicate in the chart the names of the Project Manager, Project Engineer, Bridge Engineer, Structural Engineer, Materials and Quality Control Engineer, Foreman and other Key Engineering Personnel.

Attach the required Proposed Organizational Chart for the Contract as stated above

1. *This organization chart should represent the "Contractor's Organization" required for the Project, and not the organizational chart of the entire firm.*
2. *The Bidders shall comply with and submit sample form MinSCAT Infra Form No. 2 for each of such key personnel.*
3. *Each such nominated engineer/key personnel shall comply with and submit sample forms MinSCAT Infra Form No. 11 and MinSCAT Infra Form No. 12.*
4. *All these are required to be in the Technical Envelope of the Bidder.*

Contractor's Letter-Certificate to Procuring Entity

Date: _____

Name of the Head of the Procuring Entity
Position of the Head of the Procuring Entity
Name of the Procuring Entity
Address of the Procuring Entity

Dear Sir / Madame:

Supplementing our Organizational Chart for the Contract, we have the honor to submit herewith, and to certify as true and correct, the following pertinent information:

1. That I/we have engaged the services of (Name of Employee), to be the (Designation) of the (Name of Contract), who is a (Profession) with Professional License Certificate No. _____ issued on _____ and who has performed the duties in the construction of the Contracts enumerated in the duly filled Form ____.
2. The said Engineer shall be designated by us as our (Designation) to personally perform the duties of the said position in the above-mentioned Project, if and when the same is awarded in our favor.
3. That said Engineer shall employ the best care, skill and ability in performing his duties in accordance with the Contract Agreement, Conditions of Contract, Plans, Specifications, Special Provisions, and other provisions embodied in the proposed contract.
4. That said Engineer shall be personally present at the jobsite to supervise the phase of the construction work pertaining to this assignment as (Designation), all the time.
5. That, in order to guarantee that said Engineer shall perform his duties properly and be personally present in the Job Site, he is hereby required to secure a certificate of appearance for the Procuring Entity Engineer at the end of every month.

That, in the event that I/we elect or choose to replace said (Designation) with another Engineer, the Procuring Entity will be accordingly notified by us in writing at least twenty one (21) days before making the replacement. We will submit to the Procuring Entity, for prior approval, the name of the proposed new (Designation), his qualifications, experience, list of projects undertaken and other relevant information.

6. That any willful violation on my/our part of the herein conditions may prejudice my/our standing as a reliable contractor in future bidding of the Procuring Entity.

Very truly yours,

(Authorized Representative of Bidder)

CONCURRED IN:

(Name of Engineer)

(Address)

Statement of Availability of Key Personnel

(Date of Issuance)

Name of the Head of the Procuring Entity

Name of the Procuring Entity

Address of the Procuring Entity

Attention : **Mr. Vicente G. Hernandez**
Chairman
Bids and Awards Committee

Dear Sir / Madame:

In compliance with the requirements of the Mindoro State College of Agriculture and Technology-Bids and Awards Committee for the bidding of the ____(Name of the Contract)____, we certify that ____(Name of the Bidder)____ has in its employ key personnel, such as project managers, project engineers and foremen, who may be engaged for the construction of the contract.

Very truly yours,

(Name of
Representative) (Position
)
(Name of Bidder)

Qualification of Key Personnel Proposed to be Assigned to the Contract

Business Name :
Business Address :

	Project Manager / Engineer	Materials Engineer	Foreman	Construction Safety and Health Personnel	Other positions deemed required by the Applicant for this project
1 Name					
2 Address					
3 Date of Birth					
4 Employed Since					
5 Experience					
6 Previous Employment					
7 Education					
8 PRC License					

Minimum : Project Manager /
Materials Engineer
Foreman
Foreman

NOTE : Attached Individual Resume and PRC License of the (professional) personnel.

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel's signed written commitment to work for the project once awarded the contract).

KEY PERSONNEL

Give the detailed information of the following personnel who are scheduled to be assigned as full-time field staff for the project. Fill up a form for each person.

- Authorized Managing Officer / Representative
- Sustained Technical Employee

PERSONAL DATA	
Name	: _____
Date of Birth	: _____
Nationality	: _____
Education and Degrees	: _____
Specialty	: _____
Registration	: _____
Length of Service with the Firm	: _____
Years of Experience (from / to)	: _____

If **length of service in the firm** is less than ten (10) years, give name and length of service with previous employers for a ten (10)-year period (attached additional sheet/s), if necessary:

<u>Name and Address of Employer</u>	<u>Length of Service year(s) from / to</u>

Experience:

This should cover the past ten (10) years of experience. (Attached as many pages as necessary to show involvement of personnel in projects using the format below).

Experience Data	
Name of Project	: _____
Name and Address of Owner	: _____
Name and Address of the Owner's Engineer (Consultant)	: _____
Indicate the Features of Project (Particulars of the project components and any other particular interest connected with the project)	: _____
Contract Amount Expressed in Philippine Currency	: _____
Position	: _____
Structures for which the employee was responsible	: _____
Assignment Period (from / to)	: _____

 Name and Signature of Employee

It is hereby certified that the above personnel can be assigned to this project, if the contract is awarded to our company.

 (Place and Date)

 (The Authorized Representative)

One of the requirements from the bidder to be included in its Technical Envelope is a list of contractor's key personnel (viz., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (including the key personnel's signed written commitment to work for the project once awarded the contract).

MANPOWER UTILIZATION SCHEDULE

Category	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Contractor's Name:	Name of the Procuring Entity:					Contract Name:						

Submitted by:

Name of the Representative of the Bidder:
Position:
Name of the Bidder:

Date: _____

The manpower schedule (weekly or monthly scheduling of skilled and unskilled workers, including Project Manager, Project Engineers, Materials Engineers, or Foremen) is required to be in the Technical Envelope of the Bidder.

Key Personnel's Certificate of Employment

Issuance Date

Name of the Head of the Procuring

Entity Position of the Head of the Procuring

Entity Name of the Procuring Entity

Address of the Procuring Entity

Dear Sir / Madame:

I am (Name of Nominee) a Licensed Engineer with Professional License No. issued on (date of issuance) at (place of issuance) .

I hereby certify that (Name of Bidder) has engaged my services as (Designation) for (Name of the Contract), if awarded to it.

As (Designation) , I supervised the following completed projects similar to the contract under bidding):

<u>NAME OF PROJECT</u>	<u>OWNER</u>	<u>COST</u>	<u>DATE COMPLETED</u>

At present, I am supervising the following projects:

<u>NAME OF PROJECT</u>	<u>OWNER</u>	<u>COST</u>	<u>DATE COMPLETED</u>

In case of my separation for any reason whatsoever from the above-mentioned Contractor, I shall notify the (Name of the Procuring Entity) at least twenty one (21) days before the effective date of my separation.

As (Designation) , I know I will have to stay in the job site all the time to supervise and manage the Contract works to the best of my ability, and aware that I am authorized to handle only one (1) contract at a time.

I do not allow the use of my name for the purpose of enabling the above-mentioned Contractor to qualify for the Contract without any firm commitment on my part to assume the post of (Designation) therefore, if the contract is awarded to him since I understand that to do so will be a sufficient ground for my disqualification as (Designation) in any future (Name of the Procuring Entity) bidding or employment with any Contractor doing business with the (Name of the Procuring Entity) .

(Signature of

Engineer) DRY SEAL

Republic of the Philippines)
_____) S.S.

SUBSCRIBED AND SWORN TO before me this _____ day of _____ 20__ affiant exhibiting to me his Residence Certificate No. _____ issued on _____ at _____.

Notary Public
Until December 31, 20__

Doc. No. _____;
Page No. _____;
Book No. _____;
Series of _____;

Statement of Availability of Equipment

(Date of Issuance)

Name of the Head of the Procuring Entity

Name of the Procuring Entity

Address of the Procuring Entity

Attention : **Mr. Vicente G. Hernandez**
Chairman
Bids and Awards Committee

Dear Sir / Madame:

In compliance with the requirements of the Mindoro State College of Agriculture and Technology – Main Campus Bids and Awards Committee for the bidding Award Committee of the (Name of Contract) , we certify that (Name of Bidder) owns has under lease, and/or has under purchase agreements the following equipment that may be used for the duration of the contract.

Attached is the list and proof of acquisition of the equipment needed in the execution of the above-mentioned contract.

Very truly yours,

(Name of
Representative) (Position
)
(Name of Bidder)

List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract

Business Name : _____
 Business Address : _____

Description	Model / Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
<u>A. Owned</u>							
i.							
ii.							
iii.							
iv.							
v.							
<u>B. Leased</u>							
i.							
ii.							
<u>iii.</u>							
iv.							
v.							
<u>C. Under Purchase Agreements</u>							
i.							
ii.							
iii.							
iv.							
v.							

List of minimum equipment required for the project:

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____

One of the requirements from the bidder to be included in its Technical Envelope is the list of its equipment units pledged for the contract to be bid, which are owned (supported by proof/s of ownership), leased, and/or under purchase agreements (with corresponding engine numbers, chassis numbers and/or serial numbers), supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project

OMNIBUS SWORN STATEMENT

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, *[Name of Affiant]*, of legal age, *[Civil Status]*, *[Nationality]*, and residing at *[Address of Affiant]*, after having been duly sworn in accordance with law, do hereby depose and state that:

1. **Select one, delete the other:**

If a sole proprietorship: I am the sole proprietor of *[Name of Bidder]* with office address at *[address of Bidder]*;

If a partnership, corporation, cooperative, or joint venture: I am the duly authorized and designated representative of *[Name of Bidder]* with office address at *[address of Bidder]*;

2. **Select one, delete the other:**

If a sole proprietorship: As the owner and sole proprietor of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the *[Name of Bidder]* in the bidding as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)]*;

3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. **Select one, delete the rest:**

If a sole proprietorship: I am not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a partnership or cooperative: None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a corporation or joint venture: None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards;
8. *[Name of Bidder]* did not give or pay, directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity; and
9. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of __, 20__ at _____, Philippines.

Bidder's Representative/Authorized Signatory

**Affidavit of Compliance to
Scope of Works & Specifications of Finishes and Materials**

(Date of Issuance)

Mr. Vicente G. Hernandez

Chairman - Bids and Awards Committee
Mindoro State College of Agriculture and Technology

Dear Sir / Madame:

In compliance with the requirements of Mindoro State College of Agriculture and Technology-
Bids and Awards Committee for the bidding of the

(Name of the Contract), we at *(Name of Bidder)*,
commit to comply with the Scope of Works and Specifications of Finishes and Materials
necessary in the completion of the said contract.

Very truly yours,

*(Name of
Representative) (Position
)
(Name of Bidder)*

SUBSCRIBED AND SWORN to before me this ____ day of _____ at _____, Philippines. Affiant /s is / are personally known to me and was / were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M.) No. 02-8-13-SC). Affiant/s exhibited to me his / her *[insert type of government identification card used, with his / her photograph and signature appearing thereon, with no. ____ and his / her Community Tax Certificate No. _____ issued on ____ at ____.*

Witness my hand and seal this ____ day of _____.

NAME OF NOTARIAL PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorney's No. _____

PTR No. _____, *[date issued], [place issued]*

IBP No. _____, *[date issued], [place issued]*

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

BID FORM

Date: _____
ITB No: _____

To: *[name and address of PROCURING ENTITY]*
Address: *[insert address]*

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract *[insert name of contract]*;
- (b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid;

The total price of our Bid, excluding any discounts offered in item (d) below is: *[insert information]*;

The discounts offered and the methodology for their application is: *[insert information]*;

- (c) Our Bid shall be valid for a period of *[insert number]* days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: *[insert information]*;
- (f) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;
- (h) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- (i) We understand that you are not bound to accept the Lowest Evaluated Bid or any other Bid that you may receive.

Name: _____
In the capacity of: _____
Signed: _____
Duly authorized to sign the Bid for and on behalf of: _____
Date: _____