

PONDICHERRY UNIVERSITY
(A Central University)
Department of Ocean Studies & Marine Biology
Brookshabad Campus, Port Blair, Andamans
TENDER NOTICE

Ref: PU/DOSMB/Major Project/CCA/01

Date: 31.07.2015

Procurement of Scientific & Laboratory Equipments

Pondicherry University invites sealed tenders for the supply and installation of Laboratory Equipments for Department of Ocean Studies and Marine Biology, Port Blair for the MoES major project.

Equipment:

1. Hand held pH meter (1 Nos.)

Specification: Portable pen type – to measure water pH - resolution 0.01 pH, range 1 to 15 pH, digital display, with Auto Temperature Compensation (ATC) and temperature display. For field use. **Warranty:** At least one year.

2. Niskin Water Sampler (1 Nos.) with messenger (at least 2 Nos.)

Specification: 1.7 Litre capacity, for rugged use for oceanic surveys, capable of collecting water sample from unlimited water depth, end stoppers, handles and cable clamp blocks (PVC). Derlin stopcock and air vent screw for smooth removal of water from the sampler. The end stoppers on a band of latex tubing. The stoppers and PVC body should have chamfered surface held firmly against 'O' ring seals by internal latex tubing. The triggering mechanism should be of push rod type and triggered by brass messenger. All springs made out of stainless steel. With at least two messengers. **Warranty:** At least three years.

3. Digital camera with under water housing (1 Nos.)

Specification:

Image sensor: 14 mega pixel or more CCD (1/2.33”), **Color:** 24 – bit color (RGB), **Image resolution:** At least 4288 x 3216 (14mp), 3264 x 2448 (8mp), 23.4 x 1728 (4mp), 1600 x 1200 (2mp), 640 x 480 (VGA). JPEG, **Movie solution:** HD 720p / 30fps – 1280 x 720 (HD), 640 x 480 (VGA) or 320 x 240 (QVGA), **File format:** AVI and other formats (Motion JPEG). **Lens:** At least 5X optical zoom, **Aperture:** F2.8 (W) – F7.9 (T). **Focal length:** 4.7 mm ~ 23 mm, 26 ~ 130 mm film equivalent. **Focus type:** Auto focus from 1” (2.5cm) to infinity. **Focus modes:** Auto, AF Tracking, and Face detection, Macro, Super Macro and Infinity. **Focusing ranges:** Auto focus/no zoom, Macro focus, super macro focus, infinity focus more than 90 cm. **Shooting Angle:** Horizontal field of view, land 68⁰ underwater. **Zoom:** 25X total zoom or more, **Shutter Speed:** Mechanical shutter. **Scene modes:** Dive mode, snorkel mode, with different auto and manual modes, and other land modes. **Exposure adjust:** Auto, manual. **White balance:** Land auto, manual, Daylight, cloudy, incandescent, Fluorescent 1, Fluorescent 2, underwater; Ext flash WB, blue water <25ft/8m, Blue water> 25 ft/ 8 m, green water < 25 ft./8m, green water > 25ft/ 8m. **Self-timer:** Self-portrait with variable timings. LCD: 3.0" colour LTPS TFT LCD, Memory: **Internal:** 20MB (min), **External:** SD/SDHC card up to 32GB, **Power:** Battery: Lithium rechargeable battery (3.7v, 700 mAh), Battery Life – At least 2+ hours, minimum 2-tank dive per charge, **ISO:** Auto, 64, 100, 200, 400, 800, 1600, 3200. **Underwater Housing:** Should be fully compatible with the camera with its buttons and controls, at least 60 m seawater depth resistant, for rugged use (diving), at least 1 extra primary O-ring (silicone) of the housing supplied along with the original. Positive buoyancy. **Warranty:** At least two years.

4. Primer 6 software (1 Nos.)

Specification: Academic licence (universities/colleges only, for staff/post-doc research & teaching purposes).

5. Laptop (1 Nos.):

Specification:

Processor: Intel(R) Core(TM) i5 (Latest generation) @ CPU @ 1.80GHz 2.40GHz. **RAM:** 8.00 GB **Hard drive:** 1 TB. **System type:** Original Windows (latest) with 64- bit

operating system, x64-based processor, with original anti-virus (latest). **Warranty:** At least two years or more.

6. Trinocular Microscope (1 Nos.):

Specification: Trinocular observation tube with photo eyepiece (7x or latest) for photo micrography with built-in halogen light illuminator, quadruple ball bearing nosepiece, high resolution long barrel achromatic objectives 4x,10x,40x (spring, oil IMM) compensating wide field eyepiece, coaxial right hand low drive mech. stage, sub stage abbe condenser, coaxial coarse and fine focus system with a binocular observation tube fitted with fungus resistant, anti-reflection coated prisms & paired eyepiece. Illuminator as well as reflector mirror light provided with led fluorescence attachment (for blue & green excitation).

Digital Camera: 12 million pixels resolution or more -1/1.80 inch CCD size 12 mega pixels with internal memory of 25MB or more. 128 MBXD picture card. Image size of minimum 640X480 and upto 3246X2448 pixels. Total zoom of 15X and 3X optical and 5X digital zoom. Sensitivity auto. ISO 50/100/200/400. 2.50 inches TFT colour LCD monitor. Self-timer & USB auto connect with microscope adaptor. Microscope adapter suitable to interface between trinocular microscope & digital camera. **Warranty:** Maximum time possible with on spot service.

Integrated image editing software with following features -

- **View:** zoom preview, image information, slide show etc.
- **Special filters:** for various image contrast.
- **Morphometry:** Roundness, shape orientation, image addition, subtraction, multiplication etc.
- **Count & classification:** Identification of objects in an image, count them, obtain several features measurements, objects identification by user or automatically used defined classification on basis of size or intensity.
- **Measurement:** Spartial calibration line measurements for distance, length, width, perimeter, angle, three point radius area by enclosed line controlled by four arrow keys available on keyboard arrows with zoomed preview.
- **Segmentation:** Measure area fraction & volume fraction. Identity multiple phases with microstructure.

- **Report:** At least three options: Direct printout with original image, processed image & tabular results export to MS office or excel for further modification

7. PCR (1 Nos.)

Specification:

Sample capacity	: 96x0.2ml
Peltier Number	: 8
Block material	: Aluminum Alloy
Temperature Range (°C)	: 0-100°C
Heating Rate (°C/sec)	: 5
Cooling Rate (°C/sec)	: 4
Control Accuracy (°C)	: ±0.1 (30-99.9°C)
Uniformity (°C)	: ±0.2 (30-72°C,10s)/±0.3(90°C,10s)
Control Mode	: Block, Tube
Hot-lid Temperature (°C)	: 30-110°C
Gradient Range (°C)	: 1-30°C
Gradient Temp Range (°C)	: 30°C - 100°C
Display Screen	: TFT, TOUCH
Programs Saving	: At least 10000 files + (USB Flash)
Power-off Recovery	: Yes
Temperature Time Increase/Decrease Progressively	: Yes
Pause function	: Yes
Edit File While Running	: Yes
Support for USB Mouse	: Yes
Support for Touch Screen	: Yes
Connection	: USB, Ethernet
Network Control	: Yes
Auto-open Lid	: Yes
PC Control Software	: Yes
Input Voltage	: AC85-264, 47-63Hz
Input Power	: 600W

Preloaded Protocol

: Yes

Warranty

: Maximum time possible with on spot service.

8. SCUBA Diving Kit (2 Nos.) with accessories. Warranty: Specific to each items.

Primary SCUBA Equipment			
Sl. No.	Items	Specifications	Quantity (Nos.)
1.	BCD	Jacket Style with two zippered pockets Fully-adjustable jacket Balanced power inflator with LP Hose Adjustable sternum strap Stainless steel cam action buckle system for cylinder Rotating quick release shoulder buckles and adjustable shoulder straps Soft neoprene neck roll and padded back Valves - 3 Dump Deflation Material – 420 Denier Nylon with Polyurethane Coating Size - medium	2 (1 large and 1 medium)
2.	Regulator 1 st stage and primary regulator	1st Stage – Flow by Piston LP Ports - 4, HP Ports - 1, 2nd Stage with Fixed VIVA system Marine Grade Chromed Brass Body and Components Reversible hose attachment	2
3.	Octopus	High-flow purge valve, Diver-adjustable VIVA (Venturi-Initiated Vacuum Assist) system Orthodontic silicone mouthpiece Classic downstream valve Reversible hose attachment	2

4.	3 Gauge Console	Depth, pressure, compass Depth Gauge: Max. Depth Indicator, 200 ft. Air Filled Depth Gauge, High Visibility Graphics, Luminescent Dial, Strategic Colour Coded for Safety Pressure Gauge: 360 Degree Rotational Swivel Assembly, 0-5000 psi Gauge, Temperature Gauge, Low Air 500 psi Red Indicator for Safety Compass Gauge: Liquid/oil Filled Compass, Top and Side Reading, 360° Ratchet Bezel, Twin Heading Indicators, Lubber Line	2
5.	Cylinder	12.2 litre Cylinder X7 - 7.25" diameter High-strength steel technology Standard "Yoke Style" Thermo PRO valve Inlet thread is standard 3/4"-14 NPSM Materials – Built from chromium molybdenum steel plates Rust resistant internal/external, protective zinc coating. Should be compatible with the aforesaid octopus.	2
SCUBA Accessories			
Sl. No.	Items	Specifications	Quantity (Nos.)
1.	Dive computer	Wrist Mounted, Water-Activated True Remaining Bottom Time Calculator Max Depth: 1082' (330 meters) Logbook: 100 Hours Personal Settings and Data, Stop watch, Audible alarms, backlight Air, Nitrox, Gauge and Free Dive Modes Heart Rate Monitor Digital Compass with 80 Degree Tilt, pressure and temperature monitor Quartz Clock Time, Date, and Dive Time Display up to 999 Minutes	1
2.	Mask	Single-lens, Frameless Buckles positioned on exterior of mask body, Streamlined Tempered glass lens	2

3.	Snorkel	Semi-dry design Corrugated joint the barrel and mouthpiece Purge valve at lowest point Contoured shape and soft silicone mouthpiece	2
4.	Open Heel Fins	Variable blade geometry Articulated mid-point joint Super-ergonomic foot pocket Elastomeric construction Marine-quality bungee heel strap	2 pairs (medium)
5.	Full wet suit 3 mm	3 mm full suits Neoprene torso with 4mm arms and legs Comfortable contoured 3mm collar with Velcro adjustment Heavy-duty back zipper with skin-to-skin internal sealing flap Flexible, durable and comfortable knee pads Heavy-duty ankle zippers	2 (1 medium, 1 large)
6.	Reef boots 5 mm	Neoprene ankle made of super-elastic material Lower section with standard neoprene Hard Sole for Efficiency in Fining Heavy duty zipper with internal neoprene gasket limits water seepage Reinforcement on Toe and Heel Rear Notch for Securing the Fin Strap	2 pairs (1 medium, 1 large)
7.	Dive Gloves	3 mm, Waterproof Neoprene	2 pairs (1 medium, 1 large)
7.	Weight belt with stainless steel buckle	Corrosion resistant stainless steel buckle 2 inch Nylon webbing belt	2
8.	Weight 2 kg	Vinyl coated, Antimony alloy, All corners and edges are round	4
9.	Weight 1 kg	Vinyl coated, Antimony alloy, All corners and edges are round	4
10.	Underwater writing slate	Wrist mounted, Lightweight Water resistant strap	2
11.	Dive knife	Made of Titanium Compact, rust resistant With rubber thigh strap and holder	1
12.	Mesh bag	Size - Medium Volume – At least 40 litres Material - Mesh with Nylon Zippers	1

13.	Dry Bag	Size - Large Volume – At least 60 litres Material - PVC (Tarpaulin) Fabric	2
14.	Underwater torch	LED, lightweight 3 x AAA Alkaline O-Ring Sealed Lamp Life Expectancy: 100.000 Hours Depth - 120 m Easy Push Button Switch Mechanism Adjustable Wrist Lanyard Burn time - 6 to 8 Hours	1
15.	O rings for dive cylinder	Standard, high pressure resistant	10

The complete details regarding specifications, technical details, eligibility, tender document fee, EMD, address and method for submission of bid documents, etc. are available in the **Tender Document**.

Date: 31.07.2015

Principal Investigator

Dr. S.VENU, PhD.
Assistant Professor
Dept.of Ocean Studies & Marine Biology
Brookshabad Campus,
Pondicherry University(A Central University)
Port Blair, Andamans

Tender Document
PONDICHERRY UNIVERSITY
PURCHASE AND STORES
SCHEDULE OF TERMS & CONDITIONS

Sub: Supply of Minor Scientific and Laboratory Equipments for the MoES major project in the Department of Ocean Studies and Marine Biology, Port Blair - Reg.

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Schedule of Requirements

Sealed tenders are invited under single bid system for supply of Minor Equipments as per the technical details and specifications given below:-

Equipment Specifications & Allied Technical Details

- 1.
- 2.
- 3.

Specifications:

Suitable Stabilizer:

Warranty:

Comprehensive Warranty for the Second and Third year.

TERMS AND CONDITIONS

I. General Information: -

1. Last date and time of receipt of the Tenders : 01.09.2015, 3.00 PM
2. Date & Time of opening of Tender : 01.09.2015, 3.30 PM
3. Tender Document fee and EMD rates: -

S. No.	Equipments	Tender Document fee	E.M.D.
1.	For Minor Equipment's	Rs.500/-	Rs.1000/-

4. The bids should be submitted for Minor Equipments.
5. However, the tender document fee and EMD as specified above should be remitted by each firm / bidder, collectively for all their bids advertised under this tender.
6. Quoting merely the lowest price does not confer any right to any bidder for award of supply order. The University's Purchase Committee, reserves the right to select the equipment any bid under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support, additional warranty, offer of additional / special features, Compatibility with the existing System, Training, etc.
7. The tender / quotation must be submitted along with the stipulated tender document fee, super-scribing the name of the equipments the tender is quoted for. The cover should also contain the information like, Serial Number of Equipments for which the bids are submitted. The name and address of the bidder should also be mentioned at the from address space.
8. The tenders should be addressed to the **Principal Investigator, MoES major project -CCA, Department of Ocean Studies and Marine Biology, Port Blair Campus, Pondicherry University.**

In case of local delivery, all tenders are to be dropped in the tender box placed at the Department of Ocean Studies and Marine Biology, Pondicherry University, Brookshabad, Port Blair – 744 112, Andaman and Nicobar Islands. Those who submit their tenders by post shall send the same before the prescribed deadline to Dr. S. Venu, Principal Investigator, MoES major project, Department of Ocean Studies and Marine Biology, Pondicherry University, Brookshabad, Port Blair – 744 112, Andaman and Nicobar Islands.

The tenders sent through fax / e-mail will not be accepted.

II. Common Conditions for Minor Equipments (Import or Indigenous)

1. Purchase of Tender Document:

The Tender document can be either downloaded from the University website www.pondiuni.edu.in or procured from **Dr. S. Venu, Principal Investigator, MoES major project, Department of Ocean Studies and Marine Biology, Pondicherry University, Brookshabad, Port Blair – 744 112, Andaman and Nicobar Islands** on payment of fee as specified above, by means of a DD, drawn in favour of **the Finance Officer, Pondicherry University, payable at Puducherry**. The downloaded application should be accompanied with the tender document fee, in the form of a Demand Draft.

2. Price Schedule

The bidder may quote for the entire equipments or individual items. The rates should be quoted for a single unit and also for the total quantity required by the University. The price should include the Delivery, installation, training charges (if any), Transportation to Port Blair, Octroi, etc. at the Port Blair campus, Pondicherry University.

The prices quoted shall remain firm until equipment is supplied to the respective Department, Pondicherry University.

3. Quoting the Core price & Tax, Duties, Discount etc.

The taxes / duties / discounts, if applicable, are to be explicitly and separately shown in the bid.

4. Eligibility:

The firm must have the requisite domain expertise with regard to supply, installation and post-sale service of the items they are quoting. The firm should have been in existence for at least six years as on the date of this tender and must have executed at least three orders for this kind of equipment during the last three years.

5. Duty Exemption

The University has been granted the benefit of exemption from the payment of the Central Excise Duty and Customs Duty by the Department of Scientific and Industrial Research (DSIR), India, vide their Notification No.10/97, Dt. 01-03-1997 and 51/96, Dt. 23.07.96, respectively,

In respect of

- a. Scientific and technical instruments, apparatus, equipment including computers.
- b. Accessories and spare parts of goods specified in (a) above and consumables.
- c. Computer software, compact disks, CD ROM, Recording magnetic tapes, microfilms, micro-chips etc.
- d. Prototypes.

Customs duties at Indian port, if any, will be to the account of the University.

6. Warranty:

The material covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of **at least 36 months from the date of putting the system into operation** at the Pondicherry University, **or at least 42 months from the date of receipt of the last lot of the consignment in India.**

If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.

7. The information pertaining to infra-structural, power and any other requirement for satisfactory installation and commissioning of the whole system must be provided by the bidder, at least 120 days in advance of the installation to be commenced if purchase order is issued. All drawing for electrical connections, electrical safety items piping work etc. must be provided in detail.

8. Complete technical specifications and literature, including process flow, to be included with the quotation. Manufacturers of various major parts/equipment must be mentioned explicitly.

9. A clear statement regarding availability of after-sales service and availability of spare-parts for next 5 to 10 years should be included.

10. A recent customer list (within last five years) with contact details including email address is to be submitted with technical bids / bids as the case may be.

11. If the bidder is an authorized representative in India, they are requested to inform their technical ability to take care of the problems in the system, if developed later within the warranty and outside the warranty period. The responsibility of the Indian agent must be clearly specified. The bidder from abroad shall obtain, if required, export permission from the appropriate authorities in his country or the country of origin for items to be shipped to India in case of items to be imported. The University shall provide necessary information if required for this purpose.

12. All equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.

13. The validity of the each quotation should be at least 1 Year from closing date of the bid.

14. The offers will not be considered if received after the bid closing date and time.

15. The offers received through telex / tele-fax / e-mail will not be accepted by the University under any circumstances.

16. The University shall not be responsible for any delay / loss or non-receipt of tenders by post / courier service.

17. No unsolicited correspondence shall be entertained after the submission of the offer.

18. If an order is placed with the firm, the purchase shall be governed by an agreement as per the University rules in force at the time.

19. Additional terms and conditions will be incorporated in the purchase order, if needed, to safeguard the interests of the University.

20. Tender is not transferable.

21. In case of any dispute in respect of the tender, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.

22. Power to reject the offer:

Pondicherry University reserves the right to accept / reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.

23. No Agency commission will be paid to any authorized agent in India.

24. Liquidated damages: Timely supply of the ordered items, installation, commissioning (wherever is applicable) and training etc. is the essence of the contract. In case of failure to supply within the time specified in the Purchase order, a penalty/LD of 0.5% of the total value

per week or a part thereof shall be levied subject to a maximum of 7.5% in respect of items which are not supplied. The decision of Pondicherry University shall be final in this regard.

25. The training should be provided by the supplying companies on the specimen and operation of the equipments for a minimum period of two weeks from the date of installation with an expert team.

26. For any clarification with respect to technical specifications, please contact the following person as per the details given below: -

S. No.	Name of the Department	Name of the Principal investigator	Contact Numbers
1.	Department of Ocean Studies & Marine Biology	Dr. S. Venu	03192-262315 +91-9933256866

III. Specific Condition for Imported Equipments

1. Payment of EMD:

The Tender must be accompanied by EMD as stated above, by means of a Demand Draft, drawn in favour of **the Finance Officer, Pondicherry University, payable at Puducherry** separately. *The amount is refundable. The Small Scale units are exempted from payment of EMD provided they should enclose proof of their exemption Certificate issued by the competent authority.*

2. Payments

Payments terms:

Normally a letter of Credit will be opened for 90% of CIP price, on receipt of order acknowledgement. However, 100% of the LC also be considered, if the supplier provide Bank Guarantee towards performance Security for the 10 % of the total cost of the equipment to cover the Warranty Period.

Bank charges in India shall be borne by the purchaser and outside India shall be borne by the contractor / supplier.

3. The offer must be in English. The rates should be indicated both in figures and words against item specified in the given table. It is preferable that the price be quoted in Rupees or in US Dollars or in major foreign currencies.

4. The total cost should be quoted for FOB as well as CIF – Pondicherry University, Port Blair.

5. However, the price quoted under FOB or should also include the following cost if they are required during the initial stage:

a) Local freight / insurance at Chennai airport to University laboratory at Port Blair.

b) Installation cost if any.

c) Cost of consumables which are required for the equipment for initial operation upto a reasonable time (minimum three years).

6. In case of the Principal supplier of foreign country unable to meet the conditions stated at para no.4, the local agent / dealer should fulfill the above said conditions in respect of Local Insurance, Freight, safety transport and installation, etc.

7. The bidder from within India shall obtain the requisite approval for Imports etc., if required.

IV. Specific Condition for Indigenous Equipments

1. Price Schedule:

The price quotes on Indian Rupees or FOB or CIF should also include the expected installation cost in the University Laboratory and also cost of consumables which are required for the main equipment for initial operation upto a reasonable period.

2. Time Limit for the supply:

The Successful bidders should supply the items, etc, **within 15 days** after receipt of the firm supply orders.

3. Payments terms:

Out of total contract/ purchase price, 90% of the amount will be paid on satisfactory installations. Balance of 10% of the amount shall be retained as Security Deposit, towards satisfactory performance of the equipment, and which may be released on submission of a **performance bond supported by a Bank Guarantee** (format enclosed in Annexure – I) (**obtained from Nationalized Bank of India**) **for the 10% of the total contract/ purchase value, for the duration of the Warranty period.**

V. Specific Conditions for Purchase of Equipments for the Department of Ocean Studies & Marine Biology, Port Blair, Andamans.

All the equipments to be purchased for Department of Ocean Studies & Marine Biology, Port Blair should be delivered and installed at Port Blair, Andamans.

The **Service Taxes and Octroi whichever are applicable for Port Blair, Andaman** are to be borne by the supplier.

The quoted price for the equipment of this particular Department should be inclusive of the above additional cost (if any), for which no separate claim will be entertained by the University in any case.

VI. Specific Conditions for the supply of software (Single Vendor / Multiple Software Distributor)

1. The Software are to be considered under Major Equipment Category for which the payment of applicable EMD and tender document fee are to be paid as per the para no. IV(1) of the terms & conditions of this tender.
2. The Bidder(s) must be authorized business partners of Global / National service providers of the respective Software Packages.
3. The Bidders must enclose authorization letter from the respective global / national service providers of the above said Software particularly mentioning an undertaking that in case of default by the Bidder, they (Global Service Provider) shall take over all the responsibilities of the Bidder.
4. The Bidder should not be involved in any Bankruptcy filing for protection from it.
5. The necessary service support should be provided by Bidder during the agreement period.

VII. Specific Conditions for the supply of MS Campus Agreement and Antivirus packages

1. These are to be considered under Major Equipment Category for which the payment of applicable EMD and tender document fee are to be paid as per the para no. IV(1) of the terms & conditions of this tender.
2. The Bidders must enclose authorization letter from the respective global / national service providers of the above said MS Campus Agreement and Antivirus Packages in specific reference to this tender with a clear undertaking that in case of default by the Bidder, they shall take over all the responsibilities of the Bidder.
3. The Bidder should not be involved in any Bankruptcy filing for protection from it.
4. The necessary service support should be provided by Bidder during the agreement period.

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BANK GUARANTEE

Pondicherry University
Bharat Ratana Dr. B R Ambedkar Administrative Building
R Venkataraman Nagar
Puducherry 605 014

This guarantee made this _____ day of _____ 201_ by _____ Bank having its Registered Office at _____ and one of its branches at _____ (hereinafter referred to as “the Guarantor” which expression shall, unless it be repugnant to the subject, meaning or context thereof, be deemed to mean and include its successors and assignee) in favour of the Pondicherry University, Puducherry 605 014 represented by its Registrar, having his office at R. Venkataraman Nagar, Kalapet hereinafter referred to as the “University” which expression shall include his successors in office for an amount not exceeding Rs. _____ (Rupees _____ only) at the request of M/s. _____ (more fully described hereunder)

2. Whereas the University has placed Work Order No: PU/ _____ dated _____ for _____ with M/s. _____ having its office at _____ and hereinafter referred to as the “Contractor” which expression shall include their successors and assignee.

3. And whereas the Contractor has accepted and agreed to execute the work as per the work order as per undertaking / agreement dated _____ within the time stipulated and in the manner specified therein.

4. And whereas the University has called upon the Contractor to furnish Bank Guarantee for the sum of Rs. _____ (Rupees _____ only) for fulfillment of the said work as specified in the work order and as agreed to by the Contractor.

5. And whereas the Contractor has requested the Guarantor herein to furnish an irrevocable and unconditional Bank Guarantee in favour of the University for an amount of Rs. _____ as guarantee towards execution of the work as agreed to by the contractor to the University.

6. Now, therefore, we _____ Bank, the Guarantor herein, do hereby irrevocably and unconditionally Guarantee the payment to the University the sum not exceeding Rs. _____ (Rupees _____ only) in the event of any breach, failure, neglect or inability on the part of the Contractor in the execution of the said work, on demand without reference of the matter to the Contractor and without any prior consent of the Contractor, at all times throughout the period of execution of the work, without demur, cavil or argument or delay.

7. The Guarantor agrees and undertakes that the decision of the University as to whether the contractor has committed any breach of the obligation with respect to the work to be executed, and the quantum of amount therefore payable by the Contractor to the University in that regard, shall be final, binding and conclusive as against the Guarantor and the Guarantor shall make payment accordingly, on demand by the University.

8. The Guarantor further agrees and undertakes to pay to the University the amount demanded by the University irrespective of and notwithstanding any dispute raised by the Contractor in any suit or proceeding before any judicial forum relating to the Contracted work and the Guarantor's liability under this Guarantee shall be absolute and unequivocal.

9. This Guarantee is issued subject to the condition that the liability of this Guarantor under this guarantee is limited to the maximum of Rs. _____ (Rupees _____ only) and the guarantee shall remain in full force up to _____ and cannot be invoked otherwise than by a written demand or claim by the University for the payment of the said amount by the Guarantor on or before _____ or any extended date as decided by the University.

10. This University shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the contracted work or to extend time for performance of the work by the Contractor. Any change to the contracted work shall not in any way release the Bank (Guarantor) from liability under this Guarantee and we waive notice of any such change. The University shall have full liberty to forbear or enforce any of the terms and conditions of the contracted work.

11. This Guarantee shall not be affected by any legal limitation, disability or other circumstances relating to the Contractor or the Guarantor.

12. This Guarantee shall be valid for the period upto _____ and shall extend further and beyond _____ for such period as determined by the University.

13. The Guarantor undertakes not to revoke this guarantee except with the previous consent of the University in writing.

14. Notwithstanding anything contained herein:

- Our liability under this guarantee shall be limited to Rs. _____ (Rupees _____ only)
- This guarantee shall be valid upto _____ and for such further period as determined by the University for fulfillment of the contract.
- We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____ or such extended period / date.

In witness whereof, this Guarantee has been executed by _____ for an on behalf of the Bank (Guarantor) on the day, month and year first above written.

SIGNATURE AND SEAL

NAME OF THE BANK (GUARANTOR)

ADDRESS