

Kathmandu University
School of Engineering
Department of Mechanical Engineering

Tender/Bid Document

for

Supply, Delivery, Installation, Performance-Verification, Training, and Maintenance of
Laboratory Equipment/Setups/Trainers for
Energy Efficient Building Design Lab

December 2017

Kathmandu University

Dhulikhel, Kavre

Nepal

Tel: 977-11-661399

Email: procurement@ku.edu.np

Tender Notice

Sealed tenders are hereby invited from **reputed** local or international suppliers/ manufacturers of **related** laboratory equipment/ setups/ training for the Supply, Delivery, Site-Installation, Training, and Maintenance of Laboratory Equipment/ Setups for **Energy Efficient Building Design Lab**. Tender document may be purchased from Kathmandu University, Dhulikhel, Kavre, Nepal by depositing non-refundable bid document price NRs. 1000/- in favour of Nepal Investment Bank Account (Saving AC No.**00501030250009**) of Kathmandu University.

All rights related to the Tender Process and Tender Award Process will remain with Kathmandu University. The tender may be awarded to successful bidder on whole or on package basis.

Tender/bid submission deadline: **25 December 2017**

Detail about tender may be found at the Website of Kathmandu University, www.ku.edu.np.

Tender/bid will be opened the next working day (2:00PM) after the last date of submission. Presence of bidder representative is requested at the time of opening of the tender.

A. Description of the Laboratory Equipment/ Setups/ Training Required

Kathmandu University, School of Engineering, Department of Mechanical Engineering intends to establish the **Energy Efficient Building Design Lab** primarily for training of Bachelor/Master students in Mechanical Engineering with equipment/ set-ups/ training having functional capabilities to fulfil the study or training objectives as described. The equipment/ set-ups/ training shall also function to train students in other related disciplines of science and engineering and conduct basic research and project work of students.

The laboratory indicated shall consist of indicated equipment/ setups/ trainers in this tender call.

Energy Efficient Building Design Laboratory

The lab is planned to have the following units with functionalities that fulfil the objectives as described.

1. Solar Thermal Basic Units (Manual Version)

Objective

- Study of the thermosiphon operation.
- Study of the influence of the inclination angle of the lamp panel on the unit efficiency.
- Study of the relation between the flow and the temperature.
- Study of the energy balance of the solar collector.
- Experimental efficiency determination.

2. Air Conditioning Laboratory Unit (Computer Controlled)

Objective

- Demonstration of the process and components used in heating, cooling, humidification, dehumidification.
- Obtaining the steam generator efficiency curve.
- Preheating effect in an air conditioning installation.
- Mass balance in the evaporator.
- Energy balance in the evaporator.

- Re-heat effect.
- Experimental determination of the air specific heating capacity.

3. Photovoltaic Solar Energy Unit (Manual Version)

Objective

- Study of the thermosiphon operation.
- Study of the luminosity profile of the lamps.
- Study of the efficiency of the solar panel.
- Study of the influence of the tilt angle of the lamps panel on the unit efficiency.
- Study of relation between the flow and the temperature.
- Study of energy balance of the solar collector.

4. Blow Door with Touchscreen Manometer and Wi Fi

Objective

- To study the Indoor Air Leakage detection in shield room.

5. Modular Weather Station

Objective

- To read the meteorological data at the installation site.

6. Wind Energy Unit (Manual Version)

Objective

- Study of the aerogenerator operation depending on the wind speed variation.
- Determination of the aerogenerator characteristic parameters.
- Study of the differences in the operation by using the three available blade's configurations (aerogenerator with 6, 3 or 2 blades).
- Study of the influence of the load variation in the aerogenerator.
- Study of voltage, power and current.

7. 4 in 1 Velocity Meter (Anemometer, Hygrometer, Light Meter. Thermometer) – 2 units

Objective

- Measurement of wind speed, relative humidity. Luminosity, and temperature.

8. Thermal Image Camera

Objective

- To study the thermal behavior.
- Graphical, comparison and study of thermal bridges.

9. Standard Precision Pyranometer

Objective

- To measure the direct and diffuse radiation solar data.

10. Normal Incidence Pyrheliometer

Objective

- To measure the beam solar radiation.

11. Lux Meter – 2 units

Objective

- To measure the light intensity.

12. Air Quality Meter – 2 units

Objective

- To measure the indoor air particulate related to health issues.

13. Concrete Moisture Meter – 2 units

Objective

- To make in-situ measurements of thermal values in construction materials.

14. Ultrasonic Leak Detector – 2 units

Objective

- To study the heat accumulation zone in enclosures.
- To make graphical abstract of thermal flow behaviours.

15. External Temperature Sensor Data Logger – 4 units

Objective

- To log the field based meteorological data.

16. Software for Computer controlled air conditioning laboratory unit

Objective

- To aid the working of item 2.

17. AC Maintenance Kit with Leakage Detector

Objective

- To aid the maintenance and smooth operation of item 2.

Terms and Conditions

1. The bidder should be either Original Equipment Manufacturer (O.E.M) or authorized Dealer.
2. All prices shall be quoted in Nepali NPR, INR or USD. The language of the bid should be English.
3. The bidder must mention the price schedule inclusive of unit prices, total prices with the country of origin of the goods to be supplied.
4. It is mandatory to provide the manufacturer specification, technical details and delivery schedule for all the items.
5. The prices quoted must be FOB or CIF Kathmandu for international bidders. For local bidders, the price quoted must be for delivery of goods at Kathmandu University, Dhulikhel inclusive of all applicable taxes.
6. Bidder shall deposit 5% of the total bid as EMD/Bid-Bond in favour of Kathmandu University.
7. Successful bidder shall deposit 5% of the total contract amount as Performance Bond.
8. Proper documented bids must be sent through courier service by international bidders, which must reach to Kathmandu University by the deadline. Local bidders must submit the bid in person at Kathmandu University, Dhulikhel.
9. Kathmandu University will not consider any bid that arrives after the deadline for submission of bids. Any bid received by the university after the deadline for submission of bids shall be declared late, rejected.
10. Rates/quotations must be valid for 90 days.
11. Incomplete/conditional bids will not be acceptable.
12. The University reserves the right to accept or reject the bid or reject the entire bid anytime without thereby incurring any liability to the bidders.
13. The University shall award the contract to the bidders whose offer has been evaluated based on the technical merit and economy provided that the bidder is determined to be qualified to perform the contract satisfactorily.
14. Bidder shall submit the following documents as applicable (along with the bid):
 - a) A copy of firm registration certificate

- b) A copy of business registration certificate
- c) A copy of VAT / PAN registration certificate
- d) A copy of tax clearance certificate / tax return submission evidence for the most recent closed fiscal year.
- e) Written declaration made by the bidder with a statement that the bidder has never been indulged in any litigation and has never been blacklisted by any organization
- f) Manufacturing license or manufacturer authorization for dealership.
- g) Technical specification and functional capability of the offered goods.
- h) Product catalogue or brochure
- i) Previous supply history to clients if available

15. The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

16. Information relating to the examination, evaluation, comparison, and post-qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

17. Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its Bid.

18. The bid document may be amended by the University which will be considered addendum.

19. **Terms of Payment:** Terms of payment shall be stated by the bidder. Preferred payment to international bidder is letter of credit.

20. Payment shall be issued against bank guarantee.

21. **Delivery:**

For goods supplied locally:

The supplier shall deliver the goods to the purchaser using their own resources.

For goods supplied from abroad.

Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by telex or fax the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall send the following documents to the Purchaser, with a copy to the Insurance Company:

- a) Two copies of the Supplier's invoice showing the description of the Goods, quantity, unit price, and total amount;
- b) Original and copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and two copies of non-negotiable bill of lading;
- c) Two copies of the packing list identifying contents of each package;
- d) Insurance certificate;
- e) Manufacturer's or Supplier's warranty certificate;
- f) Inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and
- g) Certificate of origin

The Purchaser shall receive the above documents at least one week before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses

22. Warranty:

- a) The supplier must mention the warranty of the goods to be supplied very clearly.
- b) The Supplier must warrant that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- c) Supplier further should warrant that goods shall be free from defects arising from any act or omission or arising from design, materials and workmanship, under normal use in the conditions prevailing in Nepal.
- d) Unless otherwise specified in the bidding documents or contract, the warranty shall remain valid for twelve (12) months or more after the Goods, have been delivered to and accepted at the final destination or for eighteen (18) months or

more after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

- e) Supplier shall, within the warranty period specified in the contract, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

23. Testing and Training

Testing and training of the equipment/setup/trainer should be carried out either by the supplier representative or should invite one of the purchaser representatives to the factory.

- 24. For clarification purpose and technical requirements, the contact detail is:

Dr Hari Prasad Neopane
Head
Department of Mechanical Engineering
Kathmandu University
Dhulikhel
Phone: +977-9801670049
E-mail: hari@ku.edu.np

Bidder Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*

Page _____ of _____ pages

<p>1. Bidder's Legal Name <i>[insert Bidder's legal name]</i></p>
<p>2. In case of JV, legal name of each party: <i>[insert legal name of each party in JV]</i></p>
<p>3. Bidder's actual or intended Country of Registration: <i>[insert actual or intended Country of Registration]</i></p>
<p>4. Bidder's Year of Registration: <i>[insert Bidder's year of registration]</i></p>
<p>5. Bidder's Legal Address in Country of Registration: <i>[insert Bidder's legal address in country of registration]</i></p>
<p>Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i></p>

Bid Submission Form

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid
Submission]*

Invitation for Bid No.: *[insert No]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services]*;
- (c) The total price of our Bid, excluding any discounts offered in item (d) below, is: *[insert the total bid price in words and figures]*;
- (d) The discounts offered and the methodology for their application are:
 - Discounts:** If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*
 - Methodology of Application of the Discounts:** The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the discounts]*;
- (e) Our bid shall be valid for the period of time from the date fixed for the bid submission deadline and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security for the due performance of the Contract;
- (g) We have no conflict of interest.
- (h) Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been declared ineligible by the Bank, under laws or official regulations.

- (i) 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.
- (j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*

In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

Price, Delivery and Schedule: Goods

				Date:			
				Page No. Of			
1	2	3	4	5	6	7	8
Line Item No.	Description of Goods	Description of Good [Minimum Acceptable Feature]	Delivery Date	Quantity and physical Unit	Unit Price and Currency	Total Price per line item (col. 5-6)	Country of Origin
1	Solar Thermal Basic Units (Manual Version)	Metallic Structure Copper piped solar collector 1.5-2 m ² , tempered glass covered Tank: 154 lit., 8 bar max pressure, 110°C Max. Temperature Solar Simulator: >300 W Pumping System: Flow Range 0-2 lt./min, 0.6 bar max pressure With temperature sensors, electronic console. Laboratory manual	<i>[Insert quoted Delivery Date]</i>	1 unit	<i>[Insert unit price]</i>	<i>[Insert total price per line item]</i>	

2	Air conditioning laboratory unit (Computer Controlled)	Tunnel: Stainless Steel, 300 * 300 * 1600 mm ³ , max speed 2500 rpm, max flow 2160 m ³ /hr Heating elements ~2000W Attached with Evaporator, coolant circuit, condenser, bourdon manometers, electronic consoles Laboratory manual		1 unit			
3	Photovoltaic Solar Energy Unit (Manual Version)	Two photovoltaic solar panels (polycrystalline): Tempered glassed; 66W; 0.51 m ² , Max. current: 3.76 A. Max. voltage: 17.53 V. 156 x 156 mm each. Solar simulator: 8 Halogen lamps of 400W each one, distributed into two independent voltage regulated circuits. DC load and battery charger regulator: Auxiliary battery charger: Nominal voltage: 12V. Rated capacity (20 hours rate): 24A/H. DC loads module: 2 Lamps of 24V. DC motor: voltage: 36V, power:		1 unit			

		5W. Rheostat of 500W.					
4	Blow Door with Touchscreen Manometer and Wi Fi	Fan Flow: Max flow in free air 6300 CFM, Accuracy +/- 3 %, Fan Weight: ~ 15 kg Dimension: 60 * 65 * 24 cm, Power: 1000 Watts, 9.8 A Max current		1 unit			
5	Modular Weather Station	Power: 10 – 30 Vdc at 20 mA Logging interval: Programmable 10 – 60k Seconds Windspeed: Range 0-57 m/s; Accuracy: +/-1 mph Wind Direction: 0 -360°, Accuracy: +/- 3° Temperature: Range (-26 to 70°C); Resolution: >0.1°F; Accuracy: +/- 0.5°C, Response time: 50sec RH: 3-100% noncondensing; Accuracy: +/- 3 %, Response time: 25seconds Barometric Pressure: Range (14.7-32.5 inHg); operating temperature: (-40 to 140°F) Rain Gauge: Resolution (0.01"); Accuracy: +/- 2 %		1 unit			

6	Wind Energy Unit (Manual Version)	<p>Air generator: Axial fan with variable speed (maximum flow of 1473 m²/h) and finger guard.</p> <p>Aerogenerator: simple injection model, Set of six blades Minimum speed cut in 2 m/s. Air tunnel 500mm long & 300mm of diameter Anemometer for speeds below 20m/s. Turning speed sensor for the aerogenerator, range: 0-2000 rpm.</p> <p>Other Components: Voltage and current sensor. Electronic console Laboratory Manuals</p>		1 unit			
7	4 in 1 Velocity Meter (Anemometer, Hygrometer, Light Meter, Thermometer)	<p>Air Velocity: Measurement Range: 0.4 to 30.0 m/s Resolution: 0.1 m/s Accuracy: ≤20 m/s: 3% FS >20 m/s: 4% FS</p> <p>Temperature (Internal Thermistor) Measurement Range: 0 to 50°C Resolution: 0.1°C Accuracy: ±1.2°C</p>		2 units			

		<p>Operational Temperature: 0 to 50°C</p> <p>Temperature (External Type K Thermocouple)</p> <p>Measurement Range: -100 to 1300°C</p> <p>Resolution: 0.1°C</p> <p>Accuracy: $\pm(1\% + 1^\circ\text{C})$ of rdg</p> <p>Humidity:</p> <p>Measurement Range: 10 to 95%</p> <p>Resolution: 0.1%</p> <p>Accuracy:</p> <p><70% RH: $\pm 4\%$ of rdg</p> <p>$\geq 70\%$ RH: $\pm(4\% \text{ rdg} + 1.2\% \text{ RH})$</p> <p>Operational Humidity</p> <p>Max.: 80% RH</p> <p>Light Lux:</p> <p>Measurement Range: 0 to 2200 Lux, 1800 to 20000 Lux, 0 to 204.0 Fc, 170 to 2000 Fc</p> <p>Resolution: 1 Lux, 10 Lux, 0.1 Ft-cd, 1 Ft-cd</p> <p>Accuracy: $\pm(5\% \text{ rdg} + 8 \text{ dgt})$</p> <p>Overage Display: “----”</p> <p>Battery: 9V (included)</p> <p>Power Consumption: Approx.</p>					
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		DC 6.2 mA Weight: 160 g (0.4 lb) battery included Dimensions: 156 x 60 x 33 mm (6.14 x 2.36 x 1.29")					
8	Thermal Image Camera	Focus System: Manual Field of View: 35.7' * 26.8' Detector Resolution: 320*240 Thermal Sensitivity: < 0.08°C at 30°C Target Temperature Measurement Range (Temp.): -20°C to 550°C Minimum Span: Manual 2.5°C; Auto 5°C Build-in Camera: 5 MP Frame Rate: 30 Hz Laser Point: Yes Data Storage: Micro SD 4 GB and Internal 4 GB Battery Charge Time: 2.5 hours Full Charge		1 unit			
9	Standard Precision Pyranometer	Spectral Range: 295-2800 nm Output: 0-10 mV Analog Sensitivity: ~ 8µV/W/m² Impedance: 700 ohms 95% response Time 5 Sec		1 unit			

		Calibration Uncertainty: <1%					
10	Normal Incidence Pyrheliometer	Spectral Range: 250-3000 nm Field View: 5° Output: 0-10 mV Sensitivity: ~ 8μV/W/m² Impedance: 200 ohms 95% response Time 5 Sec Calibration Uncertainty: <1%		1 unit			
11	Lux Meter	Ranges: 400.0/4000/lux Resolution: 0.1/1/10/100 lux Accuracy: ±5% of reading ± 10 digits (<10000 lux); ±10% of reading ± 10 digits (>10000 lux) Repeatability: ±3% Operation Condition: 0-40°C Power: 9V Battery Dimensions: Device: 203*75*50mm; Light Sensor: 115*60*20 mm; Cable length: 150 cm Weight: 280 gm		2 units			
12	Air Quality Meter	Measurement Range: 0 – 50°C; 90 % RH Accuracy: ± 0.8°C; ± 4 % RH Resolution: 0.1° / 0.1 % Memory: SD Card 16 GB		2 units			

		Measurement Rate: Adjustable Power Supply: 6*1.5 V Batteries / 9 V Power Adapter Dimension: 132*80*32 mm Weight: 282 gm					
13	Concrete Moisture Meter	Measuring Range 0-100 Resolution: 1 digit Penetration Depth: 20 – 40 mm Sensor Type: Metal Spheroid Supply: 9 V Battery Dimension: 180*45*35 Weight: 180 gm		2 units			
14	Ultrasonic Leak Detector	Operating Frequency: 40 KHz ± 2 KHz Wavelength of Laser: 645 – 660 nm Output Power of Laser: <1 mW Battery Life > 10 Hours Charging Time: ~1.5 Hours Operating Temperature: +40°C Storage Temperature: -10 – 50°C		2 units			
15	External Temperature Sensor Data Logger	Temperature Sensor: Range: MX2301 and MX2305 internal sensors: -40 to 70°C (-40 to 158°F); MX2302 external temperature sensor: -40 to 70°C		4 units			

		<p>(-40 to 158°F); MX2303 and MX2304 external sensors: -40 to 100°C (-40 to 212°F), with tip and cable immersion in fresh water up to 50°C (122°F) for one year</p> <p>Accuracy: ±0.25°C from -40 to 0°C (±0.45 from -40 to 32°F) ±0.2°C from 0 to 70°C (±0.36 from 32 to 158°F); ±0.25°C from 70 to 100°C (±0.45 from 158 to 212°F), MX2303 and MX2304 only</p> <p>Resolution: 0.04°C (0.072°F)</p> <p>Drift: <0.01°C (0.018°F) per year</p> <p>RH Sensor:</p> <p>Range: 0 to 100% RH, -40° to 70°C (-40° to 158°F); exposure to conditions below -20°C (-4°F) or above 95% RH may temporarily increase the maximum RH sensor error by an additional 1%</p> <p>Accuracy: ±2.5% from 10% to 90% (typical) to a maximum of ±3.5% including hysteresis at</p>					
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		25°C (77°F); below 10% RH and above 90% RH ±5% typical Resolution: 0.05% Drift: <1% per year					
16	Software for Computer controlled air conditioning laboratory unit	Software for item 2		1 unit			
17	AC Maintenance Kit with Leakage Detector	Maintenance Accessories for Item 2		1 unit			
					Total Price: Goods		

Price, Delivery and Completion Schedule - Related Services

	Date:						
	Page No. Of						
1	2	3	4	5	6	7	8
Service No.	Description of Services	Description of Services [Desired by Receivers]	Country of Origin	Delivery Date at Place of Final Destination	Quantity and physical unit	Unit price and Currency	Total Price per Service (Col. 6 & 7 or estimate)
1	Installation, Operation and Maintenance Training, critical spare parts	Detailed installation, operation and minor maintenance training along with critical spare parts for all supplied items in previous section	<i>[insert country of origin of the services]</i>	<i>[insert delivery date at place of final destination per service]</i>	<i>[insert number and units to be supplied]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
		Total Price: Related Services.....					

Name of Bidder: *[insert complete name of Bidder].*
signing the Bid]

Signature of Bidder: *[signature of person*

Date: *[insert date]*

Contract Agreement Template

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of of the Government of {insert name of Country of Purchaser}, or corporation incorporated under the laws of {insert name of Country of Purchaser}]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”),
and

(2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:
 - (a) This Contract Agreement
 - (b) General Conditions of Contract
 - (c) Technical Requirements (including Schedule of Requirements and Technical Specifications)
 - (d) The Supplier’s Bid and original Price Schedules
 - (e) The Purchaser’s Notification of Award
 - (f) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *Iraq* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]* in the capacity of *[insert title or other appropriate designation]* in the presence of *[insert identification of official witness]*