

Invitation for Bids

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| Date: | 31 August 2022 |
| Loan No. and Title: | ADB Loan No. 3845-PAK: Sindh Secondary Education Improvement Project |
| Contract No. and Title: | Package: OCB-Goods/SSEIP-G07 Supply of Laboratory Equipment for 100 Existing Sindh Education Foundation (SEF) Secondary Schools |
| Deadline for Submission of Bids: | 19 October 2022, 12:00 Noon (Pakistan Standard Time) |

1. The Government of Sindh has received financing from the Asian Development Bank (ADB) toward the cost of **Sindh Secondary Education Improvement Project - SSEIP**, and it intends to apply part of the proceeds of this financing to payments under the contract named above. Bidding is open to Bidders from eligible source countries of ADB.
2. The **Sindh Secondary Education Improvement Project – SSEIP, SE&LD, Government of Sindh** (“the Purchaser”) invites sealed bids from eligible Bidders for **Supply of Laboratory Equipment for 100 Existing Sindh Education Foundation (SEF) Secondary Schools** (“the Goods”).

The Laboratory Equipment for Physics, Chemistry and Biology shall be procured as under:

A: Laboratory Equipment for Physics

| Item # | Name of Goods or Related Services | Unit of Measurement | Quantity Per Schools | Quantity For 100 schools | Total Quantity |
|--------|-----------------------------------|---------------------|----------------------|--------------------------|----------------|
| 1 | Metallic Cylinder | No's | 45 | 100 | 4500 |
| 2 | Vernier Calipers | No's | 45 | 100 | 4500 |
| 3 | Screw Gauge Best | No's | 45 | 100 | 4500 |
| 4 | Measuring Cylinder 100 mL | No's | 45 | 100 | 4500 |
| 5 | Vector Board Apparatus | No's | 45 | 100 | 4500 |
| 6 | Law of Movement Apparatus | No's | 45 | 100 | 4500 |
| 7 | Hook's Law Apparatus | No's | 45 | 100 | 4500 |
| 8 | Wooden Bench | No's | 45 | 100 | 4500 |
| 9 | Ammeter China | No's | 45 | 100 | 4500 |
| 10 | Voltmeter China | No's | 45 | 100 | 4500 |
| 11 | Rheostat Best | No's | 45 | 100 | 4500 |
| 12 | One Way Key | No's | 45 | 100 | 4500 |

| Item # | Name of Goods or Related Services | Unit of Measurement | Quantity Per Schools | Quantity For 100 schools | Total Quantity |
|--------|-----------------------------------|---------------------|----------------------|--------------------------|----------------|
| 13 | Resistance Coil | No's | 45 | 100 | 4500 |
| 14 | Connecting wire | No's | 45 | 100 | 4500 |
| 15 | Cell Box | No's | 45 | 100 | 4500 |
| 16 | Drawing Board Set | No's | 45 | 100 | 4500 |
| 17 | Compass Needle | No's | 45 | 100 | 4500 |
| 18 | Pendulum Bob Set of 3 | No's | 45 | 100 | 4500 |
| 19 | Stopwatch Digital | No's | 45 | 100 | 4500 |
| 20 | Iron Stand with Clamp | No's | 45 | 100 | 4500 |
| 21 | Plane Mirror | No's | 45 | 100 | 4500 |
| 22 | Convex Lens | No's | 45 | 100 | 4500 |
| 23 | Concave Mirror Big | No's | 45 | 100 | 4500 |
| 24 | Pin Stand | No's | 45 | 100 | 4500 |
| 25 | Lens Stand Big | No's | 45 | 100 | 4500 |
| 26 | Glass Slab | No's | 45 | 100 | 4500 |

B: Laboratory Equipment for Chemistry

| Item # | Name of Goods or Related Services | Unit of Measurement | Quantity Per Schools | Quantity For 100 schools | Total Quantity |
|--------|-----------------------------------|---------------------|----------------------|--------------------------|----------------|
| 1 | R.D Bottle Glass | No's | 45 | 100 | 4500 |
| 2 | Pipette 10 MI Glass | No's | 45 | 100 | 4500 |
| 3 | Fractional weight | No's | 45 | 100 | 4500 |
| 4 | Bar Magnet | No's | 45 | 100 | 4500 |
| 5 | Filter Paper | No's | 45 | 100 | 4500 |
| 6 | Glass Rod | No's | 45 | 100 | 4500 |
| 7 | Glass Funnel China Best | No's | 45 | 100 | 4500 |
| 8 | Test Tube Small | No's | 45 | 100 | 4500 |
| 9 | Test Tube Large | No's | 45 | 100 | 4500 |
| 10 | Watch Glass | No's | 45 | 100 | 4500 |
| 11 | Beaker 100 ML | No's | 45 | 100 | 4500 |
| 12 | Beaker 250 ML | No's | 45 | 100 | 4500 |
| 13 | Beaker 500 ML | No's | 45 | 100 | 4500 |
| 14 | Beaker 1000 ML | No's | 45 | 100 | 4500 |
| 15 | China Dish 35cc | No's | 45 | 100 | 4500 |
| 16 | Spirit Lamp | No's | 45 | 100 | 4500 |

| Item # | Name of Goods or Related Services | Unit of Measurement | Quantity Per Schools | Quantity For 100 schools | Total Quantity |
|--------|-----------------------------------|---------------------|----------------------|--------------------------|----------------|
| 17 | Tripod Stand | No's | 45 | 100 | 4500 |
| 18 | Wire Gauze | No's | 45 | 100 | 4500 |
| 19 | THERMOMETER | No's | 45 | 100 | 4500 |
| 20 | Measuring Cylinder 100 mL | No's | 45 | 100 | 4500 |
| 21 | Burettes 50 mL China Heavy | No's | 45 | 100 | 4500 |
| 22 | Conical Flask 250 mL | No's | 45 | 100 | 4500 |
| 23 | Iron Stand with Clamp | No's | 45 | 100 | 4500 |
| 24 | Wolf Bottle | No's | 45 | 100 | 4500 |
| 25 | Gas Jar | No's | 45 | 100 | 4500 |
| 26 | Gas Jar Led | No's | 45 | 100 | 4500 |
| 27 | Delivery Tubes | No's | 45 | 100 | 4500 |

C: Laboratory Equipment for Biology

| Item # | Name of Goods or Related Services | Unit of Measurement | Quantity Per Schools | Quantity For 100 schools | Total Quantity |
|--------|--|---------------------|----------------------|--------------------------|----------------|
| 1 | Compound Microscope | No's | 5 | 100 | 500 |
| 2 | Prepared Slide of Bacteria (Set of 03) | No's | 15 | 100 | 1500 |
| 3 | Prepared Slide of Chlymadomanas | No's | 15 | 100 | 1500 |
| 4 | Cobalt Chloride Paper | No's | 45 | 100 | 4500 |
| 5 | Thistle Funnel W/Membrane | No's | 45 | 100 | 4500 |
| 6 | Prepared Slide of Spirogyra | No's | 15 | 100 | 1500 |
| 7 | Preserved Jelly Fish Specimen in glass jar | No's | 15 | 100 | 1500 |
| 8 | Preserved Butter Fly Specimen in glass jar | No's | 15 | 100 | 1500 |
| 9 | Preserved Sponge Specimen in glass jar | No's | 15 | 100 | 1500 |
| 10 | Preserved Snail Specimen in glass jar | No's | 15 | 100 | 1500 |
| 11 | Preserved Prawn Specimen in glass jar | No's | 15 | 100 | 1500 |
| 12 | Preserved Earth Worm Specimen in glass jar | No's | 15 | 100 | 1500 |
| 13 | Preserved Tap Worm Specimen in glass jar | No's | 15 | 100 | 1500 |

| Item # | Name of Goods or Related Services | Unit of Measurement | Quantity Per Schools | Quantity For 100 schools | Total Quantity |
|--------|--|---------------------|----------------------|--------------------------|----------------|
| 14 | Preserved Round Worm Specimen in glass jar | No's | 15 | 100 | 1500 |
| 15 | Prepared Slide of Amoeba | No's | 15 | 100 | 1500 |
| 16 | Prepared Slide of Paramecium | No's | 15 | 100 | 1500 |
| 17 | Prepared Slide of Chlo domonas | No's | 15 | 100 | 1500 |
| 18 | Prepared Slide of Euglena | No's | 15 | 100 | 1500 |
| 19 | Human Skeleton Plastic | No's | 4 | 100 | 400 |
| 20 | Dissection Tray | No's | 45 | 100 | 4500 |
| 21 | Bell Jar | No's | 45 | 100 | 4500 |
| 22 | Dissecting Box large size | No's | 45 | 100 | 4500 |
| 23 | Cover slip 18 x 18 mm | No's | 45 | 100 | 4500 |
| 24 (a) | Test tubes Medium | No's | 45 | 100 | 4500 |
| 24 (b) | Test tubes Large | No's | 45 | 100 | 4500 |
| 25 | Glass dropper | No's | 45 | 100 | 4500 |
| 26 | Model of Amoeba Plastic | No's | 15 | 100 | 1500 |
| 27 | Petri Dish 100 ml Plastic | No's | 45 | 100 | 4500 |
| 28 | Vacuum Flask imported | No's | 45 | 100 | 4500 |
| 29 | Magnifying glass imported | No's | 45 | 100 | 4500 |
| 30 | Cotton | 500gms | 45 | 100 | 4500 |
| 31 | Biology Charts 10 Pack | No's | 25 | 100 | 2500 |
| 32 | Plane glass slide per packet | No's | 45 | 100 | 4500 |
| 33 | Preserved sample, specimen of aries in glass jar | No's | 15 | 100 | 1500 |
| 34 | Preserved Starfish specimen in glass jar | No's | 15 | 100 | 1500 |
| 35 | Preserved Cuttlefish specimen in glass jar | No's | 15 | 100 | 1500 |

Bidders shall submit their bid for all items.

- Open Competitive Bidding (International advertisement)** will be conducted in accordance with the ADB's [Single Stage – One Envelope \(1S1E\)](#) procedure and is open to all bidders from eligible countries as described in the Bidding Document.
- The Bidders must satisfy the evaluation and qualification criteria in Section 3 of the Bidding Documents, including the following key requirements:

Technical Experience Requirements: Successful completion as main supplier within the last five (5) years of at least two (2) contracts each valued at PKR 76 million with nature,

and complexity similar to the scope of supply described in Section 6 (Schedule of Supply) of Bidding Document.

Financial Experience Requirement: Audited financial statements for the last three (3) years, calculated as the difference between total assets and total liabilities, should be positive.

For the complete eligibility and qualification requirements, Bidders should refer to the Bidding Document.

5. The delivery period is sixty (60) days for CIF (**Karachi**) / **EXW**¹ Pakistan (*excluding 20 days for inland transportation in case of Ex-Works delivery for Goods supplied from within Pakistan*) contracts respectively from the date of signing of contract.
6. To obtain further information and inspect the Bidding Documents, Bidders should contact:

Project Director

Sindh Secondary Education Improvement Project (SSEIP),
School Education & Literacy Department, Govt. of Sindh

Address: House No. D-62, Lane-06, Block-02, Clifton Karachi Pakistan

Telephone: +92-21-99332182

Electronic mail address: sseipkhipk@gmail.com

7. To purchase the Bidding Documents in English, eligible Bidders should:
 - Write to the address above requesting the Bidding Documents for OCB-Goods/SSEIP-G07: Supply of Laboratory Equipment for 100 Existing Sindh Education Foundation (SEF) Secondary Schools
 - Pay a non-refundable fee of **PKR 5,000.00 or USD equivalent** by cashier's cheque, pay order or demand bank draft in favor of the Project Director – Sindh Secondary Education Improvement Project (SSEIP), D-62, Lane-06, Block-02, Clifton, Karachi, Pakistan. The document may be collected in person or may be sent by express airmail for an additional fee of PKR3,000.00 for domestic delivery and of USD150.00 for overseas delivery. No liability will be accepted for loss in transit or late delivery.
8. Deliver your bid:
 - to the address above in Para 6
 - on or before the deadline **19 October 2022**, 12:00 Noon (Pakistan Standard Time)
 - together with a Bid Security as described in the Bidding Document

Bids will be opened immediately after the deadline for submission of bids in the presence of Bidders' representatives who choose to attend.

9. When comparing Bids, ADB's Domestic Preference Scheme will NOT be applied as stipulated in the Bidding Documents.

¹ Mode of Delivery can be changed as per requirement subject to the approval of competent authority.