

Office of the Dean Research and Consultancy
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103

Project Code: DRC/UNICEF/CE/AG/012/18-19

Department of Civil Engineering
Institute of Engineering Science & Technology, Shibpur
Howrah-711103

Ref.: Tender Advt. No. CE 1413, dated 18.09.2018

Notice Inviting Quotations

Sealed quotations are invited for the supply of Child Friendly **Group Hand Washing Basins - 16 units** as per the following technical specification. The relevant bidding document can be downloaded from the website. Last date of submission of sealed quotation is **28th September 2018.**

Dean (R & C)

(A. Code DRC-T036/18-19)

This is downloadable

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND
TECHNOLOGY, SHIBPUR**



BIDDING DOCUMENT

(Project Code: DRC /UNICEF/CE/AG/012/2018-19

For Supply of

***Child Friendly Face To Face Group Hand washing
Basin***

Under

UNICEF SPONSORED PROJECT

Department of Civil Engineering

September 17, 2018

**SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS
FOR BIDDERS**

1. Bidders are to invited to submit sealed quotation as per the technical specifications for tendered item to Department of Civil Engineering **on or before 28th September** between **10.30 a.m. to 3.00 p.m.** except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is **28th September up to 3.00 p.m.** quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is **28th September at 4.00 p.m.** and the place of opening of bid is office Room of the Department of Civil Engineering, IEST Shibpur, Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the Department of Civil Engineering in the following address:

Dr. Anirban Gupta (Prof and head)
Department of Civil Engineering
Indian Institute of Engineering Science & Technology, Shibpur
Howrah-711103, India

5. All bids should be submitted in ONE-BID (TECHNO-COMMERCIAL BID) Format in covers (Enquiry Number must be mentioned on cover).

TECHNO-COMMERCIAL BID - giving Detailed Specifications, International Standards (BIS/INTERNATIONAL), Catalogues, List of users & Technical Details / Operating Parameters, Pre-Installation Requirements, payment terms, warranty, etc. along with PRICE BID - giving full Prices in Indian Rupees (only) for

- (a) Tendered item.
- (b) Essential Accessories & Spares.

6. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a later stage will not be accepted. Freight, Insurance charges should be clearly indicated.
7. The materials are to be supplied in Purulia district. Transport charges should be included in the quotation. The tenderer will be responsible for any breakage, damage or defect in the equipment detected subsequently. The supply and installation of the equipment should be completed within a period not exceeding 2 months from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per university rules.
8. If the supply is not completed within the stipulated period as indicated in the Work Order, a Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of work order.
9. For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*):

Bills in triplicate should be presented for payment within 15 days of Supply / Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill.

10. Documents to be submitted with the tender:

Tender Documents/Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company as a token of acceptance of Terms & Conditions of Tender.

11. Customs Duty & Excise Duty

- The Institute will not issue any C or D form availing of concessional Sales Tax / GST
- The Institute will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.

12. Indian Institute of Engineering Science and Technology, Howrah reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.

We accept the above terms and conditions.

Seal and signature of bidder

Dated:

Technical Specification and Item Description

SPECIFICATION OF FACE TO FACE GROUP HAND WASHING BASIN

Quantity –16 units

* Inclusive of all taxes, levies, duties, transportation, Packing, forwarding and Insurance Charges (if any).

Sl. No	Specification of the equipment
1.	Hand washing Basin , made of FRP material of 5 mm thickness, semicircular (As per drawing), Dimension: 7'3"L*2'3"W*10"H

DESIGN AND FABRICATION OF GROUP HAND WASHING BASIN:

The basin is made of FRP (Fiber Reinforced polymer having 5 mm thickness which is smooth durable strong light weight, decent and handy. The colour of the basin is 'ocean blue' inside of the basin and 'deep blue' outside of the basin. The basin provides adequate strength with 5mm thickness and comes in lighter weight providing easy transportation. The basin surface provides a non-sticky smooth surface and thus cleaning can be done more easily. The test results of the FRP is shown below:

Test Performed	Test Result
Glass content	33.04%
Flexural strength (ASTM: D790)	112.98MPa
Tensile strength (ASTM: D638).	106.49MPa
Izod Impact test (ASTM: D256)	1211.46MPa
Specific gravity (ASTM: D792).	1.44
Elongation index.	6.65%
Young's Modulus.	4.24GPa
Barcol Hardness.	37B
Water absorption.	1.12%
Inter laminar shear test.	27.95MPa

