



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय

IIT

INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

DEPARTMENT OF CIVIL ENGINEERING

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QUOTATION ENQUIRY

Ref: IIT(BHU) /CE /2020-21/QTN/176 Due Date: 12-09-2020

Date: 21-08-2020

Dear Sir,

Please submit your lowest quotation for supplying the under mentioned item. Quotation in duplicate must reach us before the date marked above and should contain the following information:

1. Full specification and make of the item offered and its rate for F.O.R Varanasi/CIF New Delhi.
2. Concessional rate as applicable to educational institute.
3. Your GSTIN number.
4. Conditions of supply and terms of payment.
5. If you are a manufacturer of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
6. Please mention your agency commission in India Rs., if applicable (in case of imported item).
7. Please give undertaking as per Annexure I-B.

Quotation must be send in a **sealed envelope** with word "QUOTATION", our reference number and due date as given above, clearly marked over it.

SI No	Item and Technical Specification	Approx Qty.
1	<p>RICE APPARATUS VACCUMM PYCNOMETER</p> <ul style="list-style-type: none">• 2000 g (minimum) aluminum pycnometer having 192 mm Dia x 152 mm depth which can measure up to 2000g sample with aggregate size up to 19.1 mm as per test standard ASTM D 2041 , AASHTO T 209 to be supplied complete with transparent vacuum lid and second tapered aluminum lid with capillary bore to allow use as a volumeter for specific gravity of compacted mixes. A vacuum hose, quick disconnect, and 9.5 mm threaded aspirator vacuum source should be included.• Rice shaker for automatic agitation of asphalt rice test vacuum pycnometer. It should also be useful as deairing device for specific gravity tests for fine aggregates (ASTM C 128) and soils (ASTM D854) as well as sample pre conditioning as per ASTM D 4867 and AASHTO T209. It should have built-in digital timer :0-99 min with accuracy of 1 second, a vibration speed controller and a three positioned switch for manual or timed operation – all front panel mounted for easy use. A quick clamping system for clamping of pycnometer on to rice shaker to be provided. The rice shaker should have steel base with non slip rubber feet. All accessories to accommodate 2000g aluminum pycnometer to be provided. It should work on 230V, 50 Hz, 1 phase power supply• Oil less vacuum pump with 1/3 hp motor that can pull up to vacuum of 29.6 inch of Hg (759.46 mm) with free air displacement of up to 45 liter/min and ultimate pressure of 5.0 torr. 230V, 50 Hz, 1 phase	1 No

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|--|---|--|
| | <ul style="list-style-type: none">• Heavy wall vacuum filter flask of 2 liter capacity with stopper and tube to be supplied . Provision should be made so that it can also be attached to rice shaker.• Digital manometer and control system to be provided (ASTM D2041; AASHTO T 209, T 283). It should precisely measure vacuum and regulate the vacuum pressure setting and time. The device should also be equipped to monitor shaker vibration energy during theoretical maximum specific gravity testing (Rice Test) of hot-mix asphalt samples. Automatic regulation of vacuum pressure, control of vacuum time and display of vacuum pressure should be provided. Automatic saturation process as per AASHTO T 283 Moisture-Induced Damage specimens should be provided. The Controller should be equipped with a 3/8in (10mm or better) hose barb connection and should be able to control vacuum pumps up to 3/4hp to ± 0.4mm at 27.5mmHg (or better).• Attachment with a high performance thermoelectric (Peltier) chamber to chill incoming air should be provided. Moisture should remove from the chamber before it reaches the vacuum pump and should eliminate the need for elaborate moisture traps and desiccant cartridges. It should also offer lower resistance to air flow to maximize pump efficiency and increase service life. The vacuum pump should reach the desired vacuum immediately, increasing test accuracy and repeatability. The unit should have atleast one inlet and one outlet port for connection between the vacuum pump and pycnometer. It should work on 230V, 50 Hz, 1 Phase. | |
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The sealed quotations will be opened within one week from the due date in the office of the **Head, Department of Civil Engineering, IIT (BHU), Varanasi.**



Head of the Department

INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

TO BE RETURNED

Following proforma should be filled in and duly signed by the firm and sent alongwith the quotation. (Please refer to the detailed instructions/notes before filling this proforma).

1. Validity of the offer :
2. Approximate Delivery Period :
3. (a) Whether rates have been quoted F.O.R. site and covers packing forwarding and insurance charges. : YES / NO
- (b) If not, please mention the same :
4. (a) Whether the prices are inclusive of Sales Tax and other taxes. : YES / NO
- (b) If not, kindly specify the amount / rate :
5. If the Sales Tax is charged extra, declaration for charging Sales Tax correctly attached. : YES / NO
6. (a) Whether supply will be made directly or through any Local / Regional / Authorized Dealer / Stockist : Directly/Stockist/Authorized Dealer
- (b) If through a Stockist / Dealer: -
 - (i) Name and full address of the Party :
 -
 - (ii) Whether the order to be placed with the : Principal / Stockist / Dealer
 - (iii) Who will raise the bill : Principal / Stockist / Dealer
 - (iv) Cheques will be drawn in favour of : Principal / Stockist / Dealer
 - (v) Whether any Delivery, Packing and Forwarding : YES / NO

Charges will be payable to local Stockist/Dealer: (Please specify the amount/percentage etc, if any)

7. Our terms of payment (Please indicate your preference by a (✓) mark). Please note that no other payment terms are likely to be accepted.
 - (a) **For Local Firms or if the bills are raised by the Local Dealers.**
 - (i) 100% Payment on bill basis :

OR

- (ii) 100% payment against Proforma Invoice after receipt of materials in good condition, installation and satisfactory report.
(Only under exceptional cases)

(b) If the bills are raised by outstation Firms

(i) 100% Payment on bill basis :

OR

(ii) 100% payment against Proforma Invoice after receipt of materials in good condition, installation

and satisfactory report :

OR

(iii) D.G.S. & D. Terms of Payment for D.G.S. & D Rate Contract items

:

OR

(iv) 75% against Proforma Invoice (at site) or documents through Bank and 25% after receipt of materials in good condition, installation and satisfactory report.

:

OR

(v) 90% payment against Proforma Invoice (at site) or documents through bank and 10% after receipt of materials in good condition, installation and satisfactory report (Only under special Circumstances).

:

8. Whether any Excise Duty is payable on the items. : YES / NO
If yes, indicate the amount / percentage. :%

9. Whether any installation charges are payable extra. : YES / NO
If yes, amount to be specified. :

10. Whether any discount for educational institution :
offered on the printed price list of the manufacturer. : YES / NO
Please mention the amount / percentage. :

11. Whether the product is on DGS & D/D.I. Rate contract.
If yes, please enclose a photocopy of the same. : YES / NO

12. Whether the product bears I.S.I. Mark. YES / NO
If yes, please mention the I.S.I. License no. :

13. (a) Whether the firm is Sales Tax payer. : YES / NO
If yes, please mention the Sales Tax Numbers. :

(b) Whether the Local Dealer(s) is / are Sales Tax payer(s) : YES / NO
If yes, please mention the Sales Tax numbers of each :

14. Whether printed / authenticated price list of the Firm's Products and Catalogue etc. enclosed. : YES / NO

Signature of the Authorised Official with Seal

TO BE RETURNED WITH QUOTATION

UNDERTAKING

WE HEREBY UNDERTAKE THE FOLLOWING:

1. We will not sell the product (s) to other institutions, bodies and also in the market on the rates less than those quoted by us to the Institute.
2. The goods on which Sales Tax has been charged are not exempted for payment of Sales Tax under C.S.T. Act or U.P.S.T. Act or the rules made there under and the amount mentioned on account of Sales Tax on goods is not more than what is payable under the provisions of the relevant Act or Rules made there under.
3. The rate of Excise Duty mentioned in the quotation is in accordance with the provisions of the rules and the same is payable to the Excise Authorities in respect of the stores.
4. The goods / Stores / articles offered shall be of the best quality and workmanship and their supply will be strictly in accordance with the technical specifications and particulars as detailed in the quotation.
5. The information furnished by us in the quotation is true and correct to the best of our knowledge and belief.
6. We have read and understood the rules, regulations, terms and conditions and agree to abide by them.

***Authorised Signatory
(Seal)***