



**OFFICE OF THE DIRECTOR – CUM- PRINCIPAL
RAJIV GANDHI GOVT. ENGINEERING COLLEGE KANGRA AT
NAGROTA BAGWAN, KANGRA, 176047 (HIMACHAL PRADESH)**

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No.RGGEC/NGB/STORE/2019- 8679-8684

Dated: - 23/12/2019

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Sub: Limited Tender for Civil Engg. Labs (Concrete Technology Lab and Transportation Engg. Lab)

This institute intends to procure items for Civil Engineering Deptt.in the Surveying Lab/Concrete Technology Lab/ Transportation Engg. Lab.You are therefore informed to quote your lowest rates for supply of these items in two separate sealed envelopes; one for Technical Bid and other for Financial Bid (including EMD) to reach in the office of undersigned on or before **15/01/2020** by 2:00 PM. The Technical bid shall be opened on **15/01/2020** at 02:30 PM and the financial bid shall be opened on **17/01/2020** in the presence of the bidder or their authorized representative who wishes to be present. The financial bids of only those bidders shall be opened who qualify technically. The terms and conditions are attached in the form of Annexure-1 with this letter.

Sr. No.	Name of Item with detailed specification	Qty. to be procured	Remarks
1.	Density Basket <ul style="list-style-type: none">• Conforming to IS:2386 (Part-III)• Made from stainless steel wire mesh 6.3mm size• Size: 20 cm dia and 20 cm height• Complete with handle	02	Concrete Tech. Lab
2.	Brass I.S. Sieves <ul style="list-style-type: none">• Conforming to IS: 460 (Part I) 1978• 200 mm dia• Aperture sizes 150 micron	04	Concrete Tech. Lab
3.	Brass I.S. Sieves <ul style="list-style-type: none">• Conforming to IS: 460 (Part I) 1978• 200 mm dia• Aperture sizes 300 micron	04	Concrete Tech. Lab

4.	Hot Plate <ul style="list-style-type: none"> • Rating: 2kW • Shape: Round (8" dia) • Energy regulator • Max. temperature: 350 °C • Suitable for operation on 230V, 50 Hz, single phase, AC supply 	02	Concrete Tech./Transportation Engg. Lab
5.	SCC Equipment set <p>(i) J-Ring</p> <ul style="list-style-type: none"> • Ref. standard: ASTM C 1621 • Base plate of size 1000mmx1000mmx6mm: 1No. • Circle marking dimensions: 200, 300, 500 and 700 mm dia • Slump cone [ID at top: 100 mm (± 1.5mm); ID at bottom: 200 mm (± 1.5 mm); Height: 300 mm (± 1.5 mm)]: 1 No. • Ring: Outer dia: 319 mm; Inner dia: 281 mm • Pillar: Rod dia: 16\pm0.2mm; Length: 100\pm0.2mm • Straight rod of at least one flat side with flexure less than 1mm: 1 No. • Measuring scale 0-600mm: 1 No. • Spirit level: 1 No. • Stop watch with an accuracy of 0.1 s: 1 No. <p>(ii) L-Box</p> <ul style="list-style-type: none"> • L-box with three smooth bars equally spaced and a gate: 1 No. • Opening size: 140 mm x 204 mm; Depth: 625 mm • Depth of L-box: 150 mm • Rod dia: 13 mm • Bucket of capacity 14 litres: 1 No. • Measuring scale 0-600mm: 1 No. • Spirit level: 1 Nos. • Stop watch with an accuracy of 0.1 s: 1 No. <p>(iii) Flow Table</p> <ul style="list-style-type: none"> • Ref. standard-IS:1903 (1999) • Flow table: 1 No. • Slump cone (130 mm ID at top x 200 mm at bottom x 300 mm height): 1 No. • Wooden tamping bar: 1 No. <p>(iv) U-Box</p> <ul style="list-style-type: none"> • Opening size: 305 mm x 225 mm • Depth: 615 mm • Bucket capacity of 14 litres: 1 No. 	01	Concrete Technology Lab

	<ul style="list-style-type: none"> Measuring scale 0-600mm: 1 No. Sprit level: 1 No. Stop watch with the accuracy 0.1 sec: 1 No. <p>(v) V-Funnel</p> <ul style="list-style-type: none"> Opening size: 515 x 122 mm Bucket of capacity 14 litres: 1 No. Sprit level: 2 Nos. Stop watch with an accuracy of 0.1 s: 1 No. 		
6.	<p>Digital Concrete Test Hammer (Microprocessor-based with Suitable Test Anvil)</p> <ul style="list-style-type: none"> Ref. Standard: - IS 13311 – 1992(Part 2) Automatic Conversion of rebound index to equivalent compression strength in psi, N/mm², Kg/cm² Impact Energy – 2.207 Nm Display: min. 17 x 71 pixel, graphic Charger Connection – USB type B (5V, 100 mV) Battery life – > 5000 impacts between charges Measuring range – (10 - 100 N/mm²) Show Average Index value Show date and time, automatic shutdown Suitable test anvil with same make to verify the hammer before measurement Operating temperature: -10°C to 50°C Data transfer software, data transfer USB cable, battery charges, abrasion stone, carrying case The operating manual (both hard and soft copy) 	01	Concrete Technology Lab
7.	<p>Ring and Ball Apparatus</p> <ul style="list-style-type: none"> Conforming to IS: 1205 Steel bracket with a sliding plate support The support should have two holes of 10 mm dia on which a Ring and Ball guide can be kept A central hole on this plate for inserting the thermometer Supplied with a glass beaker (approximate 8.5cm. I.D., 12cm height) A hand stirrer 2 nos. 9.5mm dia steel balls Thermometer IP 60C range 2°C to 80°C Thermometer IP 61C range 30°C to 300°C x 5°C 	02	Transportation Engg. Lab

8.	<ul style="list-style-type: none"> ● Saybolt Viscometer and Bath ● As per ASTM D-88 ● Electrically heated (suitable for operation on 230V, 50 Hz, single phase, AC supply) ● Capable of determining Saybolt Furol viscosity of bituminous materials at temperatures of 250, 275, 300, 350, 400 and 450°F ● Comprising of Cylindrical Oil Cup, Universal Tip, Furol Tip, Bath fitted with immersion heater mounted on a stand, Dimmerstat for temperature control, Stirrer with shield ● Supplied complete with insulated handle and thermometer support, receiving flask, withdrawal tube, filter funnel, thermometer support for cup and circular spirit level, dust cover ● Thermometers: <ul style="list-style-type: none"> ● ASTM Thermometer Type 17F, Range 66° F to 80° F ● ASTM Thermometer Type 18F, Range 94° F to 108° F ● ASTM Thermometer Type 19F, Range 120° F to 134° F ● ASTM Thermometer Type 20F, Range 134° F to 148° F ● ASTM Thermometer Type 21F, Range 174° F to 188° F ● ASTM Thermometer Type 22F, Range 204° F to 218° F ● ASTM Thermometer Type 77F, Range 245° F to 265° F ● ASTM Thermometer Type 78F, Range 295° F to 315° F ● ASTM Thermometer Type 79F, Range 345° F to 365° F ● ASTM Thermometer Type 80F, Range 395° F to 415° F ● ASTM Thermometer Type 81F, Range 445° F to 465° F 	01	Transportation Engg. Lab
9.	<ul style="list-style-type: none"> ● Pensky-Martens Flash and Fire Point apparatus ● As per IS:1448 (Part 1) 1209 ● Electrically operated (suitable for operation on 230V, 50 Hz, single-phase, AC supply) ● Closed type ● Brass oil cup fitted with a thermally insulated lifting handle ● Cup lid, with an insulated handle fitted with two opposite wedge cams, which engage under pillars secured to the cup flange ● The shutter opening mechanism designed for smooth operation and operated by a spring handle with a knurled knob ● An exposure device mounted over the lid ● The cup assembly positioned in a cast iron air bath, fitted with a chrome-plated brass top 	01	Transportation Engg. Lab

	<ul style="list-style-type: none">• The air bath mounted on an upright• Dust cover• Thermometer IP 15C range 70°C to 110°C• Thermometer IP 16C range 90°C to 370°C		
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Terms & Conditions:

- 1 **Technical Bid & Financial Bid shall be submitted in separate sealed envelopes. The word 'Technical Bid' or 'Financial Bid' should be written on the outer sealed envelope.**
- 2 Financial bids shall be opened only when the bidder qualifies in the Technical bid.
- 3 Pre-dispatch inspection may be carried out (if deemed fit by inspection committee) at the cost of the successful bidder at his premises if necessary.
- 4 The firm should have valid GST/PAN no. copies of which should be enclosed.
- 5 All Tenders/bids must be accompanied with an Earnest Money Deposit (EMD) as mentioned below.
 - i) Tenders/Bids amounting to Rs. 01 lacs to 02 lacs; EMD will be Rs.5000/-
 - ii) Tenders/Bids amounting Rs 02 lacs to 05 lacs; EMD will be Rs. 10000/-Note: The minimum amount of EMD will not be less than Rs. 5000/- in any case.

The Earnest Money Deposit (EMD) shall be attached in the shape of Accounts Payee duly pledged fixed Deposit Receipts in the favour of **Director-cum-Principal, Rajiv Gandhi Engineering College Kangra at Nagrota Bagwan Distt. Kangra(H.P.)**
6. The Tenders/Bids not accompanied by EMD or incomplete in any respect will be rejected outrightly.
7. Performance Security to qualified bidders shall be as mentioned below.
 - I) Estimated value of Tender/Bid amounting Rs. 01 lacs to 02 lacs will be Rs. 5000/-
 - ii) Estimated value of Tender/Bid amounting Rs. 02 lacs to 05 lacs will be Rs.10000/-Note: The minimum amount of Performance Security will not be less than Rs. 5000/- in any case. The successful supplier has to furnish the performance security on the award of the contract in the form of account payees duly pledged fixed deposit receipts drawn in the favour of the **Director-Cum-Principal, Rajiv Gandhi Engineering College Kangra at Nagrota Bagwan Distt. Kangra (H.P)**
8. The offer shall be inclusive of All Taxes, commissioning, installation and training whenever required.
9. If felt necessary, the undersigned may ask for a demonstration of the machinery/equipment.
10. A certificate to this effect that you are the manufacturer of the equipment/Authorized distributor for the manufacturer or on whose behalf you are quoting the tender must be submitted and attached in the Technical bid.
11. The Tender/Bids will be opened on the date and time as mentioned in the tender document and in the presence of bidders if they wish to be present. However, undersigned reserved the right to change the date, time and venue of the receipt of the tender without assigning any reason.
12. Conditional Tenders/Bids and Tender/Bids not submitted on the prescribed tender form are liable to be rejected.
13. The quantity of items can be increased or decreased before placing the order. Appropriate EMD, Performance Security and Taxes have to be paid/submitted.
14. The supply order shall be issued to the eligible bidder on the availability of funds.
15. 100% payment will be released after the satisfactory installation/testing of machinery & equipments in the concerned lab. The training (if required) related to the procured machinery & equipments have to be arranged by the supplier at their own cost.
16. The Warranty/Guarantee shall be effective for the period of at least 12 months from the date of the actual installation of Machinery/Equipments at the actual location of the lab.

17. Director-cum-Principal reserves the right to accept or reject all or any of the bids received without assigning any reason thereof.
18. Limited tender received in open condition after due date & time will be summarily rejected.
19. It will be presumed that all the above conditions are acceptable to the bidders applying through the limited tender.
20. If the date of opening the tender/quotation happens to be holiday, the tenders/quotation will be opened on the next working day at the same time.
21. Tenders/quotations received through mail, telegraph, fax, conditional tenders/quotation and without Earnest Money shall not be accepted.
22. Director-cum-Principal may also appoint a 'Negotiation Committee' if required.
23. The bidder will be responsible for damage or loss in transit and goods broken within 30 days from the date of notice thereof.
24. Sales Tax/VAT/GST shall be indicated separately otherwise rates will be deemed to be inclusive of such levies and taxes and no future increase in Duties/Taxes/VAT/GST will be allowed.
25. The bidder has to attach the supporting documents/catalogues for all the quoted items.
26. The bidders should strictly quote the items according to the specifications mentioned in the tender document. Any deviation from the required specifications shall not be accepted.
27. The completed Tender/Bid duly sealed and the words '**Limited Tender for Civil Engineering Labs (Concrete Technology Lab and Transportation Engg. Lab)**' with date_____ and time_____ of opening must be written on the top of the outer envelope.
28. The Tender bid should reach in the office of the undersigned on or before the due date and time which shall be opened on the same day in the office of **Director-cum-Principal Rajiv Gandhi Engineering College Nagrota Bagwan, Distt. Kangra (H.P).**
29. The Proof of having paid the taxes (Entry tax, VAT/Sale/GST/ any other tax/cess levied by H.P Govt./Govt. of India should also be produced and submitted to the store before the installation of the equipment.
30. The bid offered by the bidders must be valid for six months from the date of opening the tenders.
31. The bidders must stamp and sign each paper submitted along with their bids.
32. The rates quoted should be F.O.R. destination at Rajiv Gandhi Engineering College Kangra at Nagrota Bagwan, Village Massal, Nagrota Bagwan, Distt. Kangra (H.P).
33. All disputes shall be settled within the jurisdiction of Distt. Court, Kangra (H.P).

Director-cum-Principal
RGGEC, Nagrota Bagwan
Distt.Kangra (H.P) 176047

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(Stamp and Sig. of the firm/proprietor for accepting above terms and conditions)