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| **institute** | **P.E.S. College of Engineering Mandya, K V Shankara Gowda Road, Mandya - 571 401, Karnataka, India** |

**INVITATION LETTER**

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| **Package Code: TEQIP-III/2019/KA/pcem/85** | **Current Date: 17-May-2019** |
| **Package Name: CIV-RV-03** | **Method: Shopping Goods** |

To,

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| Aimil LtdNaimex House 88/, 90/1, Outer Ring Road, Nagavara Bengalur | Efficient Engineers#90, Building No 13, K H B Colony, Kengeri satellite town, 3rd Phase, Bengaluru | V K Instruments#1596/74, 1st main, Nagappa Block, Srirampuram, Bengaluru |
| Turbo Tech Engineering #36/96, 40 feet road, 3rd cross Opposite K.T.G School, Srigandhanagar, Hegganahalli East, Bengaluru,  | Spranktronics#19/1-2, Lakshmi Nivasa, 1st Main Road, Manivilas Garden, Vrushabhavathi Nagar, Bengaluru,  | Aparna AgenciesNo.14, 4th Main, Ramamohanpuram, Devaiah Park, Near Srirampuram Metro Station, Bengaluru,  |
| Elite Engineering ConsultancyShop No. # 314, 1st Cross, 2nd Phase, Near M.S Ramaiah Bus Stand, HMT Main Rd, Gokul Extension, Nanjappa Reddy Colony, Yeswanthpur, Bengaluru | Sigma Engineers #63, 16th cross, Chokkasandra, Peenya Bengaluru,  |

**Sub: INVITATION LETTER FOR CIV-RV-03**

Dear Sir,

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| **1.** | You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I, |

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| **Sr. No** | **Item Name** | **Quantity** | **Place of Delivery** | **Installation Requirement (if any)** |
| 1 | Motorized Flow Table for Mortar | 1 | Department of Civil Engineering, P E S College of Engineering, K V Shankara Gowda Road, Mandya - 571 401,Karnataka, India |  |
| 2 | Water Retention Test Apparatus for Mortar | 1 |
| 3 | Standard Cone Apparatus for Mortar | 1 |
| 4 | 50x50x50mm Cube Mould MS | 12 |
| 5 | 500x100x100mm Beam Mould MS | 6 |
| 6 | 150mm Dia x 300mm height Cylinder Mould CI | 3 |
| 7 | Mould Size: 7.06Cm X 7.06 m X 7.06Cm | 12 |
| 8 | Flexural test devices for mortar beams | 1 |
| 9 | Prism Mould 40x40x160 mm | 1 |
| 10 | Length Compactor | 1 |
| 11 | Rapid Chloride Penetration Tester | 1 |
| 12 | Concrete Permeability Apparatus | 1 |
| 13 | Masonry block making machine | 1 |

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| **2.** | Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued. |
| **3.** | **Quotation** |
|  | 3.1 | The contract shall be for the full quantity as described above. |
|  | 3.2 | Corrections, if any, shall be made by crossing out, initialling, dating and re writing. |
|  | 3.3 | All duties and other levies payable by the supplier under the contract shall be included in the unit Price. |
|  | 3.4 | Applicable taxes shall be quoted separately for all items. |
|  | 3.5 | The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. |
|  | 3.6 | The Prices should be quoted in Indian Rupees only. |
| **4.** | Each bidder shall submit only one quotation. |
| **5.** | Quotation shall remain valid for a period not less than **55**days after the last date of quotation submission. |
| **6.** | Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which |
|  | 6.1 | are properly signed; and |
|  | 6.2 | Confirm to the terms and conditions, and specifications. |
| **7.** | The Quotations would be evaluated for all items together. |
| **8.** | Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price. |
|  | 8.1 | Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract. |
|  | 8.2 | The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order. |
| **9.** | Payment shall be made in Indian Rupees as follows: |
|  |  |  | **Satisfactory Acceptance - 100% of total cost** |
| **10.** | Liquidated Damages will be applied as per the below:Liquidated Damages Per Day Min % :N/ALiquidated Damages Max % : N/A |  |
| **11.** | All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others is **NO.** |  |
| **12.** | You are requested to provide your offer latest by **03:00** hours on **03-Jun-2019.** |  |
| **13.** | Detailed specifications of the items are at Annexure I. |
| **14.** | Training Clause (if any) **Not needed** |
| **15.** | Testing/Installation Clause (if any)  |
| **16.** | Performance Security shall be applicable**: 0%** |
| **17.** | Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for. |
| **18.** | Sealed quotation to be submitted/ delivered at the address mentioned below, **Office of the TEQIP Cell, P.E.S. College of Engineering Mandya, K V Shankara Gowda Road, Mandya - 571 401, Karnataka, India** |
|  | **19.** | We look forward to receiving your quotation and thank you for your interest in this project. |

**Head of the Procuring Nodal officer Principal**

 **Department Procurement**

**Annexure I**

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| **Sr. No** | **Item Name** | **Specifications** |
| 1 | Motorized Flow Table for Mortar | Consists of a steel table top 76.2 cm (30 inch dia.), finely machined. The integral cast ribs are designed for support and strength" The stand is fabricated out of cast iron. Holes for mounting in foundations are drilled in the base plate. The ground and hardened steel cam is designed to lift and drop the table by 12.5 mm. Supplied with one conical mould with handles, 12 cm height having 17 cm. top internal diameter and 25 cm ID at the base. Complete with a tamping rod 16 mm dia x 600 mm long one end rounded. |
| 2 | Water Retention Test Apparatus for Mortar | The apparatus is used in specification tests of masonry cement and physical testing of quicklime and hydrated lime. These tests include: ASTM D1506, ASTM C110 and ASTM C207. This test method provides a means for determining the ability of mortars and plasters to retain water under suction. Test results may be used to determine compliance with specifications. The results obtained using this test method can be used to compare the relative ability of mortars and plasters to retain water under suction. The complete unit consists of an aspirator pump, vacuum regulator, vacuum gauge, three-way stopcock, flask, rubber gasket, brass funnel, perforated brass dish, filter paper and hardwood stand. |
| 3 | Standard Cone Apparatus for Mortar | Used for determining the flow properties of mortars, grouts, muds and many other type of fluid materials. The apparatus comprises a metal stand supporting the stainless steel cone having inside dimensions of 150 mm inside upper dia. x 280 mm height. When fit with the 10 mm nozzle the total height is 350 mm. The apparatus, as prescribed by EN 445, is supplied complete with 150 mm dia. sieve 1.5 mm opening, 10 mm dia. nozzle with fitting bush and 1 liter cap. cup. It can also be fit with other nozzles 8, 9, 11, and 13 mm int. dia. See accessories. |
| 4 | 50x50x50mm Cube Mould MS | These are available in different sizes and are made according to Indian and British standards. For the metric size cube mould, the faces are machined flat and finished to within 0.2mm. For the inch size moulds, the faces are machined flat to +/-0.01 inched to within 0.01in. All moulds are supplied complete with base plate |
| 5 | 500x100x100mm Beam Mould MS | Made of Cast Iron / Mild Steel. The mould are made of 4 plates assembled together. Each mould is supplied complete with base plate. Faces are machined flat to ± 0.2mm. And finished in size to 0.2mm. Size: 100 x 100 x 500 mm (MS) |
| 6 | 150mm Dia x 300mm height Cylinder Mould CI | Mould should be made up of Cast Iron / Mild Steel. Cylindrical Moulds are used for testing strength of the mortar. Cylindrical mould should be as per ISI standards. |
| 7 | Mould Size: 7.06Cm X 7.06 m X 7.06Cm | Mortar Cube Moulds MS Mould Cube Moulds are used for testing strength of the mortar. Mould should be made up of Cast Iron / Mild Steel. Cube moulds should be fourfold with base plate. Cubes should be as per ISI standards. |
| 8 | Flexural test devices for mortar beams | As per ASTM C348 | EN 196-1 Flexure testing device for mortar prisms 40x40x160 mm. |
| 9 | Prism Mould 40x40x160 mm | Three gang moulds 40x40x160 mm EN 196-1 | EN ISO 679 |
| 10 | Length Compactor | IS 1199-1959, IS 4031 1968 BS 1881, ASTM C 151, C490 It is used to measure the dying shrinkage of concrete autoclave expansion of Portland cement and potential expansive reactivity of cement aggregate combinations in mortar bars during storage, on self-drying.The instrument consists of a channeled base over which two vertical pillars are fixed. An adjustable cross plate is at the top. A dial gauge, reading to .002mm x 12mm. Can be located upon a 6.5mm. dia ball or other reference point cemented in the specimen. On the base there is similar recessed seating in which can be placed a second ball or reference point in the specimen. Complete with a stainless steel standardization bar with insulated grip and with 6.5mm dia. Balls mounted in the ends. The unit can be supplied with an Electronic Dial Gauge at extra cost if indicated at the time of placing the order. |
| 11 | Rapid Chloride Penetration Tester | RCPT Apparatus is a fully self-contained complete kit as per ASTM C 1202-05. RCP Test Apparatus complete instrument includes the following items: • RCPT Test Apparatus with 4 Port (230~250V AC Power Supply) • Plexiglass chambers - 4 pairs • 500mm vacuum desiccator • Vacuum pump • Moisture trap • Temperature probe • Tests Sealant + gun Acrylic sealer + brush • Software |
| 12 | Concrete Permeability Apparatus | • A brass/ gunmetal cell of squares cross section mounted on a stand and a pressure chamber is connected to the cell through copper tubing and T-connector mounted on the stand with sleeve packed valve and rubber hose pipe with end connections. • The cell assembly consists of one base plate, one metal funnel and one top plate, and a pressure tube is supplied to develop pressure in the chamber. • The apparatus is supplied with a measuring cylinder 500cc to measure percolated quantity of water. Pressure can also be applied by a pressure air line or by a compressor. • Available for sample of size 150mm dia X 150mm high. • Available for sample of size 100mm dia X 100mm high. |
| 13 | Masonry block making machine | Manual machine Power : 10 Ton Two Mould :305x146x100mm One mould :230x115x100mm |

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To:

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| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Description of goods (with full Specifications) | Qty. | Unit | Quoted Unit rate in Rs.(Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)  | Total Price (A) | Sales tax and other taxes payable |
| In % | In figures (B) |
|  |  |  |  |  |  |  |  |
| **Total Cost** |  |  |  |

Gross Total Cost (A+B): Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ———————— (Amount in figures) (Rupees ————————amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ——————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_