



GOVERNMENT ENGINEERING COLLEGE

(Dept. of Technical Education, Govt. of Gujarat)
Mavadi Kankot Road, Near Krishnanagar - Rajkot
Website :- www.gecrj.cteguj.in
email :- gec-raj-dte@gujarat.gov.in Ph.9978287873



सत्यमेव जयते

No: GECR /2018/SSIP/ 1897 /67/10/A/ 1456 (1)

Date: 30/11 /2018

To

INQUIRIES

Subj.: Quotation of Items required for SSIP PoC/Prototype Making Project No. 1-10 (A) (As per Annexure attached).

Sir,

I request you to send your valued QUOTATION for the items mentioned in the statement enclosed (where necessary), with this letter. The following Conditions should be complied within your quotation and failure to which will render your quotation liable to rejection.

The quotation should be sent in a sealed cover. Outside the cover it should be clearly written Quotation for SSIP PoC/Prototype Making Project No. 1-10(A). Last date 20/12/2018. If this writing is not shown outside the cover, the cover is likely to be opened earlier and be rejected.

1. The last date for receiving the quotation is 20/12/2018, and the quotations will be opened at 16.00 hrs on 21/12/2018. You may remain present at the time and date of opening, if you so desire.
2. Your rates should be strictly F.O.R. Institute, giving bifurcation of base price and applicable taxes. The delivery of items should be at Government Engineering College, Mavadi-Kankot road, Near Krishna nagar, Rajkot.
3. The specifications of each item quoted should be completely described in the quotation. These specifications should be the same as those given in the statement enclosed herewith. In case you are unable to quote for one or more item/s, exactly as per the specifications of the tender/inquiry, you may quote for the item/s having identical or nearest resembling specifications stating respectively in accordance with specifications of the item offered by you differs with those prescribed by us.
4. Rate must be quoted in specified units mentioned in the tender/quotation form.
5. Conditional tender will not be accepted.
6. Quotation must be on letter pad and duly signed and stamped otherwise quotation will be rejected.
7. The validity period for the quotation should be at least 3(three) months or more from the date of opening of tender/quotation. Tender/Quotation once submitted shall remain final and irrevocable.
8. Items should be given in same serial number in the quotations as given in the tender form.
9. The inspection of the materials for approving them will be done only after the receipt of the goods by this Institution. Payment will be made only after the receipt of totally ordered acceptable items. Every effort will be made to make payment at an earliest, but in no circumstances any offer of discount for early payment will be accepted and any such offer of discount shall mean that you desire to give the said discount, and the said discount will be deducted from your bill under all circumstances.

0/230/11

10. Goods/Articles ordered are not receivable by retrieving documents through bank as no Security Deposits or Earnest Money Deposit are taken from the bidders nor the inspection of goods is carried out prior to the dispatch.

11. This Office reserves the right to accept or reject any or all quotation/s without assigning any reason.

12. You may please note that you have to quote only those items which are ready in your stock and the delivery can be made within ~~07~~ ^{4 Weeks.} days.

Yours faithfully,

[Signature]
PRINCIPAL,
GOVT. ENGINEERING COLLEGE,
RAJKOT.

ANNEXURE

Item No.	Item Name	Detailed Specification (Equipments-A)	UNIT	Quantity
1	Trowel	Blade Material Stainless Steel,Weight (g) 200-300,Blade Thickness 0.7(mm)-1.2(mm),handle wooden	No.	2
2	Concrete mixing tray	This tray is used for mixing concrete It is made of 16 gauge GI sheet and at least 25 x 3 mm angle. The minimum size of plate shall be 8 ft X 4 ft. It shall be Specially made from GI sheet for its anti corrosive properties	No.	2
3	Vicat apparatus	For determination of consistency of standard cement paste and initial and final setting times of cement. The equipment comprises the following :- A frame with a vertically movable rod having a cap at the top. Vicat mould in the form of frustum of a cone with internal diameter of 60 mm at the top, 70 mm at the bottom and a height of 40 mm. Glass base plate for the mould. Initial setting time needle. Final setting time needle. Consistency plunger.	No.	1
4	Le chatelier	It consists of a small split cylinder forming a mould. On either side of the split cylinder. Two parallel indicating arms with pointed ends are attached. Supplied complete with two glass plates and a lead weight.	No.	1
5	Cement Mortar Cube Mould	The cement mortar cube moulds shall meet 10080 - 1982; 4031 (Part - VI) - 1988 provisions with following features. • The materials shall be of cast iron as per IS standards mentioned in IS: 10080 and amendment/s if any. • The size and clamping arrangement of mould shall be as per IS: 10080 and amendment/s if any. • The tolerance in dimensions shall be as per IS: 10086 and amendment/s if any. • The moulds shall be marked with the ISI certification mark.	No.	6
6	Sieve set	The Sieve set is used for the mechanical analysis of soil sample as per IS: 2720(Part-IV). The analysis gives weight of various fractional sizes of particles present in aggregate The sieve set shall have following (1) 200mm diameter brass frame sieve set conforming to IS:460 consisting of following aperture sizes: 4.75mm, 2mm, 1mm, 600 micron, 425 micron, 300 micron, 212 micron, 150 micron, 90 micron, 75 micron. Set shall be accompanied with Lid and Pan (both brass).	No.	1
7	Concrete cylinder mould	CYLINDRICAL MOULDS (150 mm DIA ,300 mm height) Specifications: The cylindrical moulds shall meet IS: 10086 provisions with following features. • The materials shall be of cast iron as per IS standards mentioned in IS: 10086 and amendment/s if any. • The size and clamping arrangement of mould shall be as per fig.3 of IS: 10086 and amendment/s if any. • The tolerance in dimensions shall be as per table-3 of IS: 10086 and amendment/s if any. • The moulds shall be marked with the ISI certification mark. • it included 4 nos of trowels (fig.11-classA-IS 10086) and 2 rods (as per fig.9 of IS 10086).	No.	7
8	Concrete cube mould	CUBE MOULDS of size(150 x 150 x 150 mm) Specifications: The cube moulds shall meet IS: 10086 provisions with following features. • The materials shall be of cast iron as per IS standards mentioned in IS: 10086 and amendment/s if any. • The size and clamping arrangement of mould shall be as per fig.1 of IS: 10086 and amendment/s if any. • The tolerance in dimensions shall be as per table-2 of IS: 10086 and amendment/s if any. • The moulds shall be marked with the ISI certification mark. • it included 4 nos of trowels (fig.11-classA-IS 10086) and 2 rods (as per fig.9 of IS 10086).	No.	13

Sign of Mentors

✓ PIB
 ✓ AMJ
 ✓ KBV
 ✓ SNG
 ✓ SRV
 ✓ DRB
 ✓ KJS
 ✓ SSC
 ✓ MAD
 ✓ RDA

HOD- Civil

HOD-App. Mech.

9	Concrete beam mould	"As per IS: 516. 150X 150 X 450 MM (MILD STEEL) For casting concrete specimens for flexural tests. The mould is made of 4 plates assembled together. Each mould with base plate, made of Mild Steel. Faced are machined flat to +/- 0.2mm and finished in size to 0.2mm. With tamping bar at least 350mm long with IS: 10086 marks certification/Marks. The warrantee period upto 2 years. • it included 4 nos of trowels (fig.11-classA-IS 10086) and 2 rods (as per fig.9 of IS 10086).	No.	3
10	Slump cone	IS : 1199,IS 7320*Consists of a slump cone fitted with handles and foot pieces in position. Base plate in octagonal shape two clamps slide over the footgrips of a standard slump cone and hold it securely while fitting and rodding. A combination swivel carrying handle. Complete with graduated tamping rod 0-60 cms long and 16 mm dia with 0-30 cms scale graduation.	No.	1
11	Compacting factor test apparatus	It consists of two rigid conical hoppers and a cylinder mounted on a rigid metal frame. The lower openings of the hoppers are fitted with hinged trap-doors having quick release catches. A circular metal plate is provided to cover the top of the cylinder. Supplied complete with one plaster's trowel and one tamping rod, 16mm dia x 600mm long, one end rounded. IS:5515-1983	No.	1
12	Aggregate Impact Testing Machine	It is used for determining the aggregate impact value of coarse aggregate. The sturdy construction consists of a base and supported columns to form a rigid frame work around the quick release trigger mechanism to ensure an effective free fall of the hammer during test. The free fall can be adjusted through 380 ± 5.0 mm. The hammer is provided with a locking arrangement. A metal tub (hammer) weighing 13.5 to 14.0 kg, the lower end of in cylindrical shape, 100 mm in diameter and 5 cm long with a 2 mm chamfer at the lower edge and case hardened. Complete with a cylindrical cup, metal measure, tamping rod and instruction manual. As per IS: 2386 (Part - IV)	No.	1
13	Aggregate Crushing Value Test Apparatus	Apparatus should be used for measuring resistance of aggregate to crushing. The apparatus consist of M.S. Cylindrical container 150 mm \pm 0.5mm dia X 130mm to 140mm high, with base plate 200 to 230mm square X 6mm thick. A plunger of 148mm \pm 0.5mm dia X 100 to 115mm high. Supplied complete with cylindrical metal measure and tamping rod and instruction manual. As per IS:2386 (Part IV) and IS:9376	No.	1
14	Container	Stainless Steel Moisture Can With Lid (100ml Capacity)	No.	15
15	Liquid Limit Apparatus	Hand Operated Liquid Limit Device fitted with blow counter complete with Casagrande grooving tools and a Gauge Block. The liquid limit device as a soil test equipment is defined as the moisture content at which the soil passes from plastic state to liquid state; it is very helpful in the classification of the potential properties of the soil material. The liquid limit device consists of a hard rubber base carrying a sliding carriage assembly to which a brass cup is hinged. The cup is raised and allowed to fall through a height of 1cm on to the hard rubber base, by the help of a lead screw provided at the back of the sliding carriage. Material: SS, Brass Soil Disc Fall: 10mm/Second 2 Chord Height: 27mm	No.	1
16	Jar Apparatus	Uniform stirring upto 4 samples simultaneously with variable speed 20 to 100 RPM. DC electric motor with digital RPM indicator and electronic speed regulator. Strong MS housing and Stainless steel stirring paddles. Working on 230V AC with On/Off switch and built in fluorescent tube.	No.	1
17	Digital Turbidity Meter	Upto 0-1000 NTU/JTU, Microcontroller Based, LED display upto 3 digit, Calibration up to 3 points with auto buffer, pH Range 0.00 to 14.00 with \pm 0.05 accuracy and corrosion resistant, 230 V \pm 10, 50 Hz AC power requirement, pH mV- C modes with Parallel temperature indication, automatic Temperature Compensation Type with \pm 0.3 Degree C Temperature Accuracy, 0 to 100 Degree C Temperature Compensation Range, Resolution 0.01, 55 Operating Humidity: RH in (%), 45 Degree C Operating Temperature	No.	1
18	TDS meter	Handheld, Automatic calibrated, TDS range 0-9999 ppm, TDS Accuracy \pm 2 %, LED display, 3 Number of Digits in Display, Non-Rechargeable Alkaline Batteries, -20 degree Celsius Minimum Operating Temperature, 55 degree Celsius Maximum Operating Temperature, 85 percent Operating Humidity, Rh at 40 deg C	No.	1

HOD- Civil

HOD-App. Mech.

Sign of Mentors

✓ PIB
 ✓ AMJ
 ✓ KBV
 ✓ SNC
 ✓ SRV
 ✓ DRB
 ✓ KJS
 ✓ SSC
 ✓ MAD
 ✓ RDA