

GOVERNMENT OF MANIPUR
PUBLIC WORKS DEPARTMENT

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QUOTATION No. EE/MQCD/8/2016-17
Dated, Imphal, the 23rd December, 2016.

Sealed rate quotations are invited from the intending registered supplier/ stockist/ dealers for "Supply of Soil Mech Laboratory and Field equipment of PWD, Manipur" and will be received upto 1.00 P.M. on 12/01/2017. The same will be opened on the same day at 3.00 P.M. in the presence of the quotationist/ supplier/ stockist/ representatives who may be present at the time of opening quotations.

The particulars of Laboratory and Field equipments to be supplied are as in Annex.- I

TERMS & CONDITIONS:-

1. The Equipment should be supplied within one month from the date of issue of supply order.
2. Any increase in taxes and charges payable by the supplier at the time of delivery shall not be compensated by the department.
3. Transit Insurance: The equipment under the contract shall be fully insured against any loss or damage in transit up to delivery site at the cost of the supplier.
4. Training: The supplier shall give proper operational and maintenance training to the operators of the department.
5. Warranty: The Equipment supplied shall carry a warranty of 12 (twelve) months from the date of commissioning for any manufacturing defects and same shall be repaired/ replaced by the supplier during this period.
6. All the Equipment shall be delivered to the office Premise of the "Executive Engineer, Monitoring & Quality Control Division, PWD Campus at Khoyathong, Imphal, Manipur in full and in good condition. No
7. All legal disputes which may arise will be subject to the jurisdiction of the High Court of Manipur, Imphal.
8. Rate quoted shall be inclusive of Excise Duty, CST, etc. No extra charges will be entertained.
9. The supplier should provide pre sales demo in customer's place, pre-dispatch inspection in their manufacturing unit as well as in-depth training (sample collection, sample preparation, machine operation, reading procedure, etc.) after receiving the material at PWD Lab, Manipur.
10. Manufacturer should have comprehensive production facility, after sales service facility and infrastructure, R&D Centre duly recognized by National Council of Science and Technology, Accredited Calibration and Quality Control Test Laboratory. Manufacturing capacity and capabilities of the supplier and workmanship of the instrument shall be accessed by the concerned official before finalizing the order.
11. Manufacturer will ensure the traceability (source of calibration) of the Calibration unit to NCCBM / NPL.
12. Manufacturer should have trained and qualified customer support staff with ample experience in the required field at their branch along with the details.
13. Preference will be given to ISO 9001-2008 Certified Company who can ensure the manufacturing of the machine as per required testing standard / Tender specification within the specified tolerance limits.
14. Every machine should be highly qualitative and I.S. marked / as per IS Standard whenever required.
15. Supplier's turnover should not be less than 3 Crores in each of the past three years.
16. Supplier should submit original statement certified by a chartered accountant.
17. Authority may visit bidder's works/ User's place to evaluate the quality Control, after sales backup facility, expert availability etc.
18. All India users Certificate from different Govt. Customer, Engineering Institute and PSU will be preferred.

19. Supplier should have capacity and experience of carrying out Annual Maintenance contract with the users of their M/C and proof of such documentation shall be preferred .
20. Should have sales tax registration in at least 4-5 states in India.
21. Supplier has to give the full Power Point Presentation of the quoted equipment at Intender's campus before opening of the price bid as a support of their Technical Quotation and clarification.
22. Supplier should produce purchase order above 1 Cr from Govt. Departments (like NIT,IITs,PWD,etc), all over India for the same instruments within last 3 years and also PO from Manipur within 1-2 yrs for the same type of instruments.
23. Bidder should have full specification mentioned in their official website online.
24. Supplier should have full specifications mentioned in their official website online.
25. Should have OEM certified service engineers, OEM Certificate in this regard needs to be submitted.
26. Supplier has to produce manufacturing authorization for all the quoted items from manufacturer on their letter head only.
27. Solvency certificate from any nationalized bank and bank certificate mentioning cash credit amount, bank guarantee amount along with letter of credit to be submitted.
28. No advance payment shall be made and no terms and conditions by any supplier shall be entertained. Payment will be made after receipt of the equipments only.
29. Affidavit regarding blacklisting / non- blacklisting to be submitted.
30. **Bidders should quote rates for all items given in Annexure – I. Incomplete or partial quotation will be summarily rejected.**

This call of Quotation shall be available in the portal www.manipur.gov.in.



Executive Engineer
Monitoring & Quality Control Division.
PWD, Manipur

Endt. No. EE/MQCD/Corr/2016-17/ 230

Dated, Imphal, the 23rd December, 2016

Copy to:-

1. The Chief Engineer (Buildings), PWD, Manipur.
2. The Superintending Engineer – II, PWD, Manipur.
3. The File.

Executive Engineer
Monitoring & Quality Control Division.
PWD, Manipur

Annexure - I

Sl. No	Particulars	Quantity
Soil Mech Lab Items		
1	Hand Operated Extractor for 38mm and 50mm dia specimen	1
2	Triaxial apparatus (digital) for testing specimen of size 38mm dia x 76mm long and 50mm dia x 100mm.	1
3	Laboratory Electric Oven, with Digital indicator, range 50 degrees to 250 degrees centigrade, Inside Size 600x600x600 mm	1
4	Soil Cone Penetrometer, Digital Type penetration test cone 55mm dia and 40 mm deep	1
5	Shrinkage Limit Set	1
6	Unconfined Compression Tester for load measurement, supplied with Load Frame 3 speed 50KN, Proving Ring- 2KN and dial Gauge- 0.01x25mm and Plain Platen with adapter, Split Mould and Rubber Sheath.	1
7	Direct Shear Test Apparatus 2kN capacity	1
8	Laboratory California Bearing Ratio Test Apparatus, Motorised, Four Speed with mild steel mould.	1
9	Liquid Limit Device, motorised, with Casagrande grooving tools and gauge block	1
10	Plastic Limit set comprising of glass plate, Brass rod, spatula, Moisture Tin and Porcelain Dish	1
11	Sieve Shaker, Motorised, with Built in Digital Timer Sieve brass frame 20 cm dia x 10mm, 5.6mm, 4.75mm, 4mm, 3.35mm, 2.8mm, 2.36mm, 2mm, 1.70mm, 1.6mm, 1.4mm	1
12	Compaction Test Apparatus for light compaction	1
13	Electronic Balance 3200gx0.01g	1
14	Dessicator Non- Vacuum type 200mm dia	1
Soil Mech Field Items		
15	'A' Drill Rod 1m long complete with adaptor	3
16	Standard Penetration Test (SPT) Set consisting of Split Spoon Sampler, Drive Weight, Guide Pipe Assembly, Tripod, with Rope 19mm dia x 10 mt length	1Set
17	In-Situ Vane Shear Test Apparatus with dial gauge.	1
18	Core Cutter	2
19	Sand pouring cylinder Apparatus, 100 mm dia	1
20	Proctor Penetrometer as per ASTM D1558	1
21	Rapid Moisture Meter range 0-50% (gauge div: 1%)	1
Concrete Testing Instruments, Lab Type		
22	2000kN Compression Testing Machine, Electrically operated with three load gauges 2000kN, 1000kN, 500kN with NABL calibration certificate along with traceability certificate	1
23	Benkelman Beam with Analog Dial Gauge (As per IRC:81)	1
24	Semi Automatic Drum Type concrete mixer 40 L capacity	1
25	Bulk Density Measures, 10 Ltrs	1
26	Mould Cast Iron, for 100mm Cube with ISI Certification Mark	6
27	Mould Cast Iron, for 150mm Cube with ISI Certification Mark	18
28	Vibrating Table, 50x50cm for 4 moulds of 150mm cube	1
29	Universal Testing Machine Computerized, Capacity, 1000 KN with hydraulic gripping, 6 pillar/Column type Load frame for 1000kN.	1
Cement Testing Instruments		
30	Vicat Apparatus with ISI Certification Mark, IS:5513, fitted in Aluminium Box	1
31	Le-Chatelier Mould, with ISI Certification Mark IS:5514, each	1


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Sand, Aggregate Testing Equipments		
32	Aggregate Crushing Value Tester	1
Miscellaneous Equipments for Laboratory		
31	Pycnometer	1
32	Bulk Density Measure (20 Lt. cap. Conforming to IS: 1199 complete with carrying handle).	3
33	Cement Spatulla IS: 269	3
34	Trowel IS: 4031, (100mm to 150mm long blade with straight edge).	3
35	Density Basket IS: 2386 pt. III (approx. 20cm dia x 20 cm height)	2
36	Thermometer (360° C cap.)	6
37	Moisture Content Container (50 mm x 50 mm size)	50
38	Physical Balance	1
39	Aluminium Tray (Medium size)	6
40	Enamel Tray (Medium size)	6
41	Glass Cylinder/ Plastic (100 ml, 500 ml, 1000ml cap – 2 nos each)	6
42	Glass Bucket/ Plastic (500ml, 1000 ml cap. – 3 nos each)	6
43	Test Tube with stand	3
44	Filter Paper	6 boxes
45	Kerosene Stove (Medium, Big – 1 each)	2
46	Hot Plate (Medium, Big – 1 each)	2
47	Pan Balance (20 kg. cap.)	2
48	Pan Balance (10 kg. cap.)	2
49	Rammer (1kg to 5 kg cap.)	2
50	Screw Driver (Small, Medium, Big – 1 each)	2
51	Plier (Medium size)	2
52	Chain Wrench (Big size)	6
53	Pipe Wrench (Big size)	6
54	Ring Wrench (sets)	2
55	Pana Wrench (sets)	2
56	Jumper (Big size)	2
57	Spade	2
58	Concrete mixing pan	1
59	Hand Gloves (For oven)	1 pair
60	Weights (2 nos 10kgs, 4 nos 5 kgs, 2 nos 1 kg, 2 nos 0.5kg, 2 nos 0.25 kgs, 2 nos 0.10 kgs, 2 nos 0.05 kgs)	1set
61	Pan balance (1 kg capacity)	2


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