

**DIRECTORATE OF EXPORT PROMOTION & MARKETING, ODISHA
ASHOKA MARKET COMPLEX; 2nd FLOOR; BHUBANESWAR -75100 9**

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**GOVT. OF ODISHA
MSME DEPARTMENT.**

TENDER CALL NOTICE (REVISED)

Sealed tenders are invited from the reputed Manufacturers/Authorized dealers having registration under VAT Act for supply of testing machines & equipments for testing of samples like Cement and other items during the year 2016-17 for Testing Laboratories located at Cuttack, Rourkela, Berhampur, Angul, Balasore & Bolangir under the Administrative control of Directorate of Export Promotion & Marketing, Odisha, Bhubaneswar so as to reach the undersigned by 02.07.2016 by 5.00 P.M. by hand/speed post/Regd. post. Tender will be opened on 04.07.2016 at 11.30 A.M. in the presence of the tenderers or their authorized representatives.

Tender documents containing terms & conditions with detail specification of the testing machines & equipments can be obtained from the Office of the Directorate of Export Promotion and Marketing, 2nd Floor, Ashoka Market, Master Canteen Square, Bhubaneswar-751009 during Office hours on any working day from 16.06.2016 to 30.06.2016 upto 5.00 P.M. on payment of Rs. 500/- (Rupees five hundred) only by cash or Rs. 600/- (Rupees six hundred) only in shape of SBI Bank Draft drawn in favour of Director, Export Promotion & Marketing, Odisha payable at SBI, Bapuji Nagar Branch, Bhubaneswar in case of tender to be obtained by post.

The above tender documents can also be down loaded from the Govt. website www.odisha.gov.in/DEP&M website-www.depm.odisha.nic.in/MSME Department website. Tenderers who down loaded the tender documents from the website shall have to submit SBI Bank Draft of Rs.600/- (Rupees six hundred) only drawn in favour of Director, Export Promotion & Marketing, Odisha payable at SBI, Bapuji Nagar Branch, Bhubaneswar along with tender documents.

The undersigned reserves the right to accept or reject any or all tenders in full or parts without assigning any reason thereof.

**DIRECTOR
EXPORT PROMOTION & MARKETING
ODISHA, BHUBANESWAR.**

**DIRECTORATE OF EXPORT PROMOTION AND MARKETING, ODISHA ,
2ND FLOOR, ASHOKA MARKET COMPLEX : BHUBANESWAR-751009.**

**Tele No (0674)2530443
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Tender Document

Supply of Testing Machines & Equipments for modernization and up-gradation Of
Testing Laboratories under the Directorate of Export Promotion & Marketing, Orissa,
during the Year **2016-17**.

Price of the Tender documents: Rs. 500-00

**GENERAL TERMS AND CONDITIONS FOR INVITATION OF TENDERS FOR
SUPPLY OF TESTING MACHINES & EQUIPMENTS.**

1. INTRODUCTION: Competitive tenders comprising of Technical bids and Financial bids in sealed cover are invited from the manufacturers/authorized dealers for supply of testing machines & equipments as per Annexure-I to Testing Laboratories at Industrial Estate, Cuttack/Rourkela/Berhampur/Bolangir/Angul/Balasore of the Directorate of Export Promotion and Marketing, Odisha, Bhubaneswar.

2. COST OF TENDER DOCUMENT:

i) By hand: Rs. 500/- (Rupees five hundred only) non-refundable by cash during office hour on any working day at Directorate of EP&M, 2nd Floor, Ashoka Market Complex, Master Canteen Square, Bhubaneswar, Odisha, PIN-751 009.

ii) By post : Rs. 600/- (Rupees six hundred) only in shape of Bank Draft drawn in favour of Director, Export Promotion & Marketing, Odisha, payable at S.B.I, Bapuji Nagar, Bhubaneswar in case of Tender documents to be obtained by post from Directorate of EP&M, 2nd Floor, Ashoka Market Complex, Master Canteen Square, Bhubaneswar, Odisha, PIN-751 009.

iii) From Website : Tenderers to down load the tender documents from the Website shall have to pay Rs.600/- (Rupees six hundred) only in shape of Bank Draft drawn in favour of Director, Export Promotion & Marketing, Odisha, payable at S.B.I, Bapuji Nagar, Bhubaneswar and submit the SBI Bank Draft in separate cover marked as “Cost of Tender Document” along with the tender failing which the tender shall be treated as non-responsive and shall be rejected. The authority will not be responsible if any person of the approved documents down loaded from the Website excluded or modified.

3. TIME SCHEDULE:

Date of sale of Tender document:	From 16.06.2016 to 30.06.2016 upto 5 p.m. at the Office of the Director, Export, Promotion & Marketing, Orissa, Bhubaneswar-751009.
Last date of submission of Tender documents.	02.07.2016 up to 5 p.m.
Date of opening of Tender documents	...	04.07.2016 at 11.30 a.m.
Schedule date of placement of orders	04.08.2016
Last date of supply of testing machines	...	20.09. 2016
Release of payment after satisfactory Installation & demonstration.	24.10.2016

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4. LIST OF TESTING MACHINES & EQUIPMENTS: The Tenderer shall submit detail specification, makes, model, brand supported with technical literature/leaf let as per machine at Annexure-A.

5. SUBMISSION OF TENDER: -The tender shall contain documents as per Annexure-A. The tender shall be in two parts i.e. technical bid (cover-'A') and financial bid (cover-'B'). The tenderers shall submit technical bid and financial bid in sealed covers which should be put into another cover clearly super scribing thereon.

"TENDER FOR SUPPLY OF TESTING MACHINES AND EQUIPMENTS DUE FOR OPENING ON Dt.04.07.2016 AT 11.30 A.M." The tender shall be submitted by hand/post addressed to the Director, EP&M, 2nd Floor, Ashoka Market Complex, Master Canteen Square, Bhubaneswar, Odisha, PIN-751 009.

6. OPENING OF TENDER : The tender received by the Directorate of EP&M, Odisha shall be opened on scheduled date and time in presence of the tenderers of their authorized representatives.

7. BID EVALUATION: - The technical bid shall be evaluated by a Technical Committee and the financial bids of the technically qualified bidders shall only be opened for financial evaluation of tenders.

Quality, Price & Suitability for the purpose of testing in the laboratory shall be a considering factor of selection of testing machines & equipments. The tender shall also be evaluated taking into consideration of after sales service provided by the firm, experience in supply of similar type testing machines to reputed organizations . Reputed brand with high degree of technical quality shall also be a considering factor for selection of the item. The items with ISI mark shall be given preference over non-ISI items.

8. PERFORMANCE STATEMENT: - The tenderer shall submit their experience in supply of the testing machines & equipments for last 3 years in the performance statement format in Annexure – II.

9. PERFORMANCE SECURITY: - The successful tenderer is required to furnish performance security i.e. 5% on the basic price of the goods. The successful tenderer shall furnish the performance security in shape of Bank guarantee/ Bank draft within 15 days of placement of supply order, which should be valid up to guarantee/warrantee period. The Bank Guarantee is liable to be forfeited in the following cases: -

- i) Non-supply of the item within the delivery period.
- ii) Non-attending the complains during the guarantee/warrantee period.

10. DELIVERY OF GOODS/CONSIGNEE: - The machines & equipments shall be delivered at Testing Laboratory, Industrial Estate, Cuttack/Rourkela/Berhampur/Angul/Balasore/Balangir for the items listed in Annexure-A.

11. PAYMENT TERMS: - 100% payment shall be made by 24.10.2016 after satisfactory supply, installation & demonstration within the due date and submission of calibration certificate as applicable. Terms of advance payment is not acceptable.

12. PAYING AUTHORITY: - Senior Scientific Officer, Testing Laboratory, Cuttack/Rourkela/Berhampur/Bolangir/Angul/Balasore are the paying authority. The bills in triplicate shall be submitted in the name of the paying authority of the concerned laboratory.

13. TENDER VALIDITY:- The price quoted in the tender shall be valid till 31.03.2017.

14. PACKING /FORWARDING / INSURANCE: -The materials dispatched shall be properly packed & forwarded to avert any incidental damages during transit/handling. The material may be insured at suppliers cost.

15. WARRANTEE / GUARANTEE: - The goods shall be covered with warrantee /guarantee for minimum period of 24 months from the date of supply. The firm shall provide prompt after sales services & attend complaint within a week to prevent disruption of work in the laboratory and the firm shall visit at 03 times during the guarantee/warrantee period. The firm shall also have to submit AMC charges for three years after warranty period.

16. TRAINING : The firm shall provide training to at least 02 Nos. of testing personnel at free of cost at the concerned Laboratory wherever required.

17. VAT /CST /IT: - The supplier shall have to provide copies of valid VAT/CST/Registration Certificate along with their VAT C.C./CST C.C./TIN/ PAN as applicable.

The suppliers from outside the State of Odisha shall supply the machines and equipments through billing by Branch Office/Sales Depots of the manufacturer inside the State.

18. AUTHORISATION: - In case of authorized supplier of the manufacturer/ dealer, the bid must accompany with authorization from the manufacturer / dealer. Authorization and specimen signature of the authorized signatory shall also be submitted.

19. ACCEPTANCE: - The tenderer should sign each page of bid document with seal as a token of acceptance of all terms & conditions of the bid documents.

20. PRICE: - (i) The price quoted should be inclusive of all required accessories.

(ii) The tenderer shall have to give the price breakup indicating basic price, Ex. duties, taxes, packing, forwarding, handling, freight etc. as per the price schedule format(item wise) in Annexure- III.

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21. TENDER SECURITY (EMD): - The firms participating in the tender is required to submit earnest money (tender security) of Rs. 5000/- (Rupees five thousand) only per package in shape of Demand draft drawn in favour of Director, Export Promotion & Marketing, Odisha, Bhubaneswar payable at SBI, Bapuji Nagar, Bhubaneswar, failing which the tender shall be summarily rejected. The tender security shall be returned to unsuccessful tenderers on finalization of tender. In the event of failure to execute the supply order or violation of terms and conditions, the EMD shall be forfeited.

22. PURCHASER'S RIGHT: - The purchaser is having the right to accept / reject any or all tenders without assigning any reason thereof.

23. AWARD OF CONTRACT: - Purchase order shall be placed with successful tenderers. As a token of acceptance, the supplier shall return one copy of the purchase order out of the two copies sent within a week.

24. CORRUPT PRACTICE: - No tenderer shall contact the purchaser on any matter relating to tender from opening time of the tender till the contract is awarded. Any efforts by the tenderer or his agent to influence the purchaser in the tender evaluation for tender decision may result in the rejection of his tender & forfeiture of tender security.

25. TENDER LANGUAGE & CURRENCIES: - All information in the offer & all correspondences & documents, printed literatures furnished by the tenderer should be written in English. The quoted price shall be Indian Rupees only.

26. RESOLUTION OF DISPUTE: - Any dispute arising out of the contract shall be settled amicably. However, the jurisdiction shall be in court at Bhubaneswar only

CHECK LIST

DOCUMENTS TO BE SUBMITTED IN THE BID

1. Bid document duly signed in each page with seal as a token of acceptance of all terms & conditions of bid documents.
2. Whether EMD submitted.
3. Detail specification along with leaflet, literature.
4. STCC/VAT/CST/ clearance certificate.
5. Income tax clearance certificate / PAN.
6. Performance statement as per Annexure- II
7. Authorization from manufacturer.(in case of authorized dealer/ supplier).
- 8 Money receipt towards purchase of tender paper
9. Price Break up schedule as per Annexure -III

Signature of the bidder

ANNEXURE- II

PERFORMANCE STATEMENT
(For last 3 years)

LIST OF CLIENTS/GOVT. DEPTS. TO WHOM TESTING MACHINES SUPPLIED

Sl. No.	Organization to whom supplied .	Order No & date.	Stores ordered	Value of orders	Proof of trouble free performance

Signature of the bidder

ANNEXURE – III

PRICE SCHEDULE (ITEM WISE)

Item Sl. No.	Detail Specifi – cation.	Basic Price	Excise Duty	Packing/ Forwarding/ Handling	VAT/ CST	Entry Tax	Total cost

Signature of the bidder.

ANNEXURE-A

Revised list of Machines & Equipments required for all the Testing Laboratories of DEPM, Bhubaneswar for the financial year 2016 – 2017.

Sl. No.	Name of machines & equipments with its detail specification.	Remarks
1.	Curing Tank Fully Insulated, complete with hinged lid, recirculation pump, thermostatically control system for maintaining temperature of $27 \pm 2^\circ \text{C}$ with digital display, Capacity of curing tank 36/72 Nos. cubes of 150 mm/70.6 mm size.	For curing of cement , cement concrete cubes and other allied products.
2.	Constant Temperature Water Bath , rectangular, inside stainless steel, Temperature Range – Ambient + 5°C to $95 \pm 0.2^\circ \text{C}$. with digital temperature controller-cum-indicator. Size of water bath shall be such as to accommodate Le-Chatlier flask as per IS: 4031 (Pt.11)/1988 (Reaffirmed 2005).	For carrying out chemical reactions at higher temperature, density of cement
3.	Laboratory Cement Autoclave for testing laboratory with stainless steel chamber (2.1MPa. pressure) as per IS : 4031(part –3).Pressure graduated from 0 to 4.1 MPa with scale division not more than 0.04MPa. Autoclave is suitable for conducting accelerated soundness tests on cement or the autoclave expansion test requiring constant steam pressure with the correspondent constant temperature. Inside chamber 10.5 cm diameter x 40.5 cm height suitable for operation on 230 V, 50 Hz, single phase AC supply .	For carrying out the soundness test of cement samples.
4.	Length Comparator as per IS : 1199/1959, IS : 4031/1968,IS:9459 The instrument consists of a SS channeled base over which two vertical SS pillars are fixed. An adjustable cross plate is at the top. A digital dial gauge, reading to 0.002mm accuracy can be fixed to the top cross plate. The plunger end of the dial gauge meter can be located upon a 6.5mm dia ball or other reference point cemented on the specimen. On the base there is a similar recessed seating in which can be placed a second ball or reference point of specimen. Complete with a stainless steel standardization bar with insulated grip and 6.5mm dia balls mounted in the ends.	To measure the drying shrinkage of concrete autoclave expansion of portland cement and potential expansive reactivity of cement aggregate combinations in mortar bars during storage, on self drying.
5.	Motorized sieve shaking machine for carrying 8 nos of sieve of 20 Cm dia - along with optional accessories of adopter for 30 Cm dia sieve, along with optional accessories of adopter for 45 Cm dia sieve, Suitable operation on 230 V, AC. Single phase.	To make process of sieving simpler and quicker.
6.	High Precision Water Bath, Motorised: - i) Double walled outer body made out of MS & inner chamber SS ii) Digital display indicating temperature controller. iii) Temperature range- controlled by contact thermo meter from $27 \pm 2^\circ \text{C}$ to boiling in 27 ± 3 minute. iv) Size- inside 425x240x265mm v) Suitable operated on 230V AC single phase.	Water bath are useful for controlled temperature reactions.

7.	<p>Digital Analytical Top Loading Balance :-For weighing up to 200gms maximum with 0.1 mg resolution, convenience in operation, calibration and data transfer with data protection Make – Sartorius/ Mettler/ Shimadzu /A&D/CAS with calibration certificate traceable to NPL with 02 years warranty.</p>	For high reliability and security of weighing of samples.
8.	<p>Scratch Hardness Tester/ Motorized Clemen unit, electrically operated model with light arrangement, A test panel is clamped driven by constant speed while needle scratches the surface. By increasing the load varying degree of penetration of the needle in to the coating surface is observed. Automatic electrically operated model. Capacity -230 V AC supply single phase as per IS101 part-5/sec-2/1988.</p>	To determine the scratch hardness of the paint film.
9.	<p>Paint Corrosion Cabinet, for cyclic corrosion test to accommodate 18 panels. as per IS:101 pt.6 sec-1/1988 with digital Temperature controller having calibration certificate traceable to NPL. i) The equipment should confirm to IS 101 pt.6 sec-1/1988.ii) Should be of double walled construction with inner SS and outer MS duly painted . iii) The temperature inside the chamber should be controlled by digital temperature controller. iv) A motorized fan should be provided inside the chamber to maintain uniform temperature & humidity. Temperature in any part of the air space shall not differ by more than 1 ° C at any given moment. v) Humidification-100% RH shall be maintained by evaporation of water from the reservoir covering the bottom of the cabinet. Vi) Heating & maintenance of temperature cycle:- The cabinet shall be heated through the medium water by heater completely immersed in water. Heating shall be controlled by two thermostats placed in the air space in such a way that the temperature cycles continuously from 42 to 48 ° C & back to 4 2 ° C in not less than 45 minutes & not more than 75 minutes. The time required for heating & cooling shall be approximately equal. vii) Suitable racks shall be provided inside the chamber to hang the sample panels.</p>	To determine the performance requirement of finish.
10.	<p>Digital Tensile Testing Machine for textile is based on the constant rate of Traverse (CRT) principle. The sample is held between two jaws, the upper one is stationary jaw while the other end is made to move at a known fixed speed with the help of motor, Gear Box and lead screw arrangement (100 or 300mm per minute). The load exerted on the stationary jaw is sensed by a sensor connected with load cell which directly indicates the load in Digital form in Kgs with 3 scale, digital display. Capacity : 500 Kg, LC 0.1 Kg Speed 100mm/300mm per min. Resolution of displacement : 0.1 mm, with Heavy Duty motor & Elongation and Strength both come in digital display with memory for current test.</p>	To determine the tensile strength of canvas materials.
11.	<p>Portable Dehumidifiers Heavy duty with metal casing designed for numberless single combined applications. 44 ltr. per 24Hours Manual control with water tank capacity : 9 Ltrs. Full Tank alarm, Automatic defrosting, continuous operation with hose. Dimension in inch (WxDxH) : 13.8x28.3x14.6</p>	For Dehumidification & Air Purification system for big rooms / large.

12.	Drying Cabinet with mechanical convection electric fan blower driven ,triple walled, single doored, stainless steel interior, thermostatic designed for drying samples, glassware, chemicals ,etc. Size : (WxDxH) 36" x 24" x 48". Temperature range 60 °C to 200 °C Accuracy : ± 2 °C suitable for operation on 440 V, 50 Hz, Three phase AC supply .	For drying samples, glassware, chemicals ,etc.
13.	Disc Polishing & Grinding Machine for preparing Metallurgical and Mineralogical samples for microscopic examination. Single phase motor with pulleys and belts for four different speed 200,450,750 & 1500 R.P.M.	ion.
14.	Digital weighing Balance , platform type, capacity 1 kg., Accuracy : 0.1 gm. With calibration certificate from legal metrology Deptt. Govt. of Odisha	For weighing of different types of samples.
15.	Digital weighing Balance , platform type, capacity 10 kg., Accuracy : 1.0 gm.	For weighing of different type of samples.
16	Cement concrete mixture machine, motor driven Cap-50kg.	For trail mix of concrete design mix
17	Vacuum pump, two stage, rotary vane , oil sealed vacuum type of any reputed make suitable for general Laboratory vacuum filtration/ suction operation with following specification: - Free air displacement CFM(L/min)-2.6(70) Ultimate pressure in Torr (mbar)- 1×10^{-4} Sound level dBA-50 Motor/pump speed rpm@50HZ-1425 Motor/pump speed rpm@60HZ-1725 Motor Horse Power-1/2 Electrical rating-115v/60HZ, 230V/50HZ Oil capacity in ltr.-0.85 Over all dimension – Lx W x H-18.5" x 6.5" x9.6"	For general Laboratory vacuum filtration/ suction operation.
18	Vacuum oven complete with Vacuum pump ,:- i) Vacuum oven double walled construction, inner chamber made of SS outer body made of MS sheet pretreated as well as power coated for superior rust proofing with high grade glass wool insulation, Temperature range-50 to 200 °C ± 2 ° C, Vacuum control up to 30mm of Hg size-30 x22.5 cm, 230V Ac/50HZ ii) Vacuum pump suitable for use with the above vacuum oven.	For testing of moisture content