



MORARJI DESAI NATIONAL INSTITUTE OF YOGA

(An autonomous organization under Ministry of AYUSH, Govt. of India)

68, Ashok Road, Near Gole Dak Khana, New Delhi – 110 001

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File No.MDNIY/S&P/2017-18/571

Dated: 16th Nov., 2018

Notice Inviting Tender (NIT) for procurement of instruments for Anatomy and Physiology Lab in MDNIY

Morarji Desai National Institute of Yoga (an autonomous organization under the Ministry of AYUSH, Govt. of India, New Delhi) invites sealed quotations in three bid system- (EMD, Technical Bid & Financial Bid) – from the reputed firms for procurement of instruments for Anatomy and Physiology Lab in MDNIY, as per specifications and quantity of each item at Annexure-‘A’.

Schedule of Invitation of bid:

Tender Cost:	Rs.14,45,000/-
Date of Issuance of NIT	19.11.2018
Last date and time of submission of bid document	10.12.2018 up to 11.00 AM
Bid document to be submitted to	Director, Morarji Desai National Institute of Yoga, 68, Ashok Road, New Delhi-110001
The EMD to be submitted	Rs.72,000/- (Rupees seventy two thousand only) in favour of “Morarji Desai National Institute of Yoga” through Bank Draft/ Pay Order only
Tender Fee to be submitted separately	Rs.500/- (Rupees five hundred only) in favour of “Morarji Desai National Institute of Yoga” through Bank Draft/ Pay Order only
Date and time of opening of Technical bid document	10.12.2018 at 11.30 AM
Date and time of opening of Financial Bid	Shall be opened on 12.12.2018 at 11.00 AM only of those bidders who qualify in the Technical bid as per Check-list enclosed at Annexure-‘C’.
Number of pages	10 pages

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Terms and Conditions are mentioned below:

- 1. The Sealed Technical quotation/bid with the EMD amounting to Rs.72,000/- (Rupees seventy two thousand only) and Tender Fee amounting to Rs.500/- in favour of “Morarji Desai National Institute of Yoga” through Bank Draft/Pay Order only, with supporting self attested documents in one envelope and Financial bid separately in the envelope will be submitted addressed to the Director, Morarji Desai National Institute of Yoga (MDNIY), super scribing on the top of envelop as “Quotation for supply of Physiology Items”, should reach this office latest by 10.12.2018 up to 11.00 am.**
- 2. The quotations will be opened on the same date i.e. 10.12.2018 at 11.30 am in the presence of the bidder(s) or their nominated/authorized representative, if present.**
- 3. The supply of items should be as per specifications quoted by the firm with good quality of items. If quality of the items found defective, the responsibility lies with the firm. MDNIY will not bear any responsibility for the payment partly or fully.**
- 4. The rates should be inclusive of delivery charges.**
- 5. Quotations received after closing date and time will not be entertained**
- 7. The bidder shall submit the Technical Bid /quotation letter against item mentioned above, with EMD, with all documents (self attested) and Financial Bid quoting rate against item separately without which the quotation will not be entertained and considered.**
- 8. The firm which has quoted the lowest rates and are successful in getting the award letter but are unable to accept the contract due to any reason, their EMD will stand forfeited.**
- 9. The rates once approved and accepted, will be valid initially for a period of one year from the date of issuance of the 1st work order including supply of additional quantity of all or any of the item(s) from time to time at a later date, on the same rates, terms and conditions as may be decided by the MDNIY.**
- 10. The quantity mentioned against each item may be increased/ decreased as may be decided by MDNIY.**
- 11. If the delivered item(s) is/or found to be defective or not as per specifications the same shall be returned and replaced at the firms cost & no payment will be made by MDNIY for such replacement.**
- 12. The most important and critical part and essence of the contract and issue of award letter to the successful bidder(s) is the timely delivery and installation, within 10 days from the date of placing confirmed work order, as ordered, within the scheduled date and time.**

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13. The Performance Security @ 10% of the actual cost of the successful bidder shall be kept during the currency period to safeguard the interest of the Govt. to ensure that the supplier supply the good quality items un-interrupted ordered by MDNIY. The Performance Security shall be refunded to the bidder after 60 days of the completion of contract period.
14. If any organization have any objection please contact via Speed Post addressing Director within 07.12.2018.
15. MDNIY has a full right to withdraw the Tender at any time without assigning any reason thereof.
16. The payment will be made as per Govt. Rules and Procedure, after successful installation of the equipments.
17. The institute reserves the right to accept or reject any quotation without assigning any reason thereof.
18. All the disputes shall be subject to Delhi Jurisdiction only.

Yours faithfully

(P.C. Joshi)
Accounts Officer
for Director

Copy to:-

C&DO – With the request to upload the same on the Institute's website and Govt. Portal.

TECHNICAL SPECIFICATION FOR ANATOMY AND PHYSIOLOGY

INSTRUMENTS

Sl. No.	Name of Instruments	Required quantity
01	Stadiometer	01
02	Anthropometer	05
03	Skin fold caliper	05
04	Hand Grip dynamometer	02
05	Back and leg muscle strength dynamometer	02
06	Spirometer (With water drum)	03
07	Computerized spirometer	01
08	Sphygmomanometer (Aneroid)	15
09	Stethoscope	15
10	Compound Microscope	20
11	Haemocytometer with Improved Neubauer Chamber	20
12	Sahli's Hemoglobinometer	20
13	Bio – Impedance analyzer	01
14	Barometer (including temperature and Humidity display)	02
15	Blood Pressure monitor with auto inflatable cuff	02
16	Physiograph (ECG, EMG, EEG)	01

1. Name of Instrument: Stadiometer

Specification:

- Capacity to weight not less than 200kg.
- Capacity to measure height not less than 200 cm
- Digital display
- Battery powered. Adapter for use in power supply.
- Mechanical height Rod
- Weight not more than 20 kg
- Platform dimension approximate 20" x 20" (LxW)
- Warranty period not less than 1 year.

2. Name of Instrument: Anthropometer.

Specification:

- To measure height, Chest girth in centimetre and mm scale.
- Steel body in more than 03 parts.
- Length (0 to more than 2000 mm)
- Carrying bag

3. Name of Instrument: Skin Fold calliper.

Specification:

- Skin folds Calliper to assess degree of fatness.
- Girth measurement of small joints.
- Jaw opening to measurement 60 mm or above.
- Accurate to 1.0 mm.
- Light weight
- Carrying case.

4. Name of Instrument: Hand grip dynamometer.

Specification:

- Measures isometric grip force and strength
- Adjustable handle allows to quantify grip strength for different sized objects, accommodates small and large hands.
- Digital display
- Measuring range not less than 80 kgf.
- Power source: Battery powered
- Weight: approximate 750gm
- Carrying case

5. Name of Instrument: Back and leg muscle strength dynamometer.

Specification:

- The unit can be used to measure strength of muscles of the back, leg and chest.
- The measurement base must provide secure footing.
- Chain length must be adjusted to accommodate for height differences or to vary the point of force application.
- Digital reading.
- The strength reading can be viewed as kilograms.
- Battery powered.
- Weight not more than 4 kg.
- Measurement up to 300kg

6. Name of Instrument: Spirometer (with water drum).

Specification:

- To measure lung function.
- Ideal for student use in the practical laboratory
- Water – seal spirometer
- Approximate 6 to 9 litre capacity for recording the largest vital capacities
- Stainless steel bell

7. Name of Instrument: Computerised spirometer.

Specification:

- To measure lung function (Forced Vital Capacity, Maximum Voluntary Ventilation).
- With internal rechargeable battery. Adapter for use in power supply.
- Must contain LCD screen
- Thermal printer
- Flow meter Bidirectional turbine.
- Calibrator (Syringe 3 litre).
- Internal memory
- alphanumeric keypad
- Weight approximate 1.5 kg
- Ventilation Range approximate 0 - 250 L/min
- Flow Range approximate 0 - 15 L/s
- Language must contain English
- Software must support windows 7 and advance. External printout facility.
- Warranty period not less than 02 years.

8. Name of Instrument: Sphygmomanometer (Aneroid).

Specification:

- To measure blood pressure.
- Integrated Aneroid meter
- Not less than 300 mmHg non-stop pin reliable manometer
- Adult Cuff.
- Rubber air pump with valve
- Weight not more than 200 gm.
- Carrying case
- At least 2 years warranty.

9. Name of Instrument: Stethoscope.

Specification:

- For chest and other clinical examination.
- Single head chest piece.
- Double sided chest piece technology.
- Double lumen tube

10. Name of Instrument: Compound Microscope with light facility.

Specification:

- Light condenser with iris diaphragm and filter holder.
- Monocular head and metal stand.
- Rotatable objective holder with three objectives.
- Product Type: -Compound.
- Height not more than - 25 Inches.
- Width - Side to Side not more than 20 Inches.
- Product Weight not more than 5 kg.
- Slide sliding facility with adjustable screw.
- Warranty period not less than 02 years

11. Name of Instrument: Haemocytometer with Improved Neubauer's Chamber.

Specification:

- Lab Tools for counting cells and micro-organisms (designed for blood cells).
- Improved Neubauer's Chamber with Four separate cell counter chambers.
- RBC and WBC pipette.
- Counting Chambers are mainly used for blood analysis, counting Leukocytes, Erythrocytes and Thrombocytes.

12. Name of Instrument: Sahli's Hemoglobinometer.

Specification:

- Sahli's graduated hemoglobin tube (marked in grams percent g% not less than 24) and percentage % not less than 140).
- Comparator with.
- Sahli's pipette or hemoglobin pipette (marked at 20µl or 0.02 ml). No bulb
- Stirrer: Thin glass rod.
- N/10 Hydrochloric acid

13. Name of Instrument: Bio – impedance analyser.

Specification:

- Portable, battery-powered bio- impedance (BIA) analyzer. Adapter for use in power supply.
- Parameters must compute: Body Fat %, Target Body, Basal Metabolic Rate, lean mass.
- Results must be printed using the analyzer's built-in thermal printer.
- Powered by a built-in battery pack.
- Carrying case, battery charger, patient cable, sensor pad electrodes, print rolls, and user's guide included.
- Measure patient in standing condition.
- Warranty 02 years
- ECG or other form of electrode.
- Software windows 7 and above for analysis and external print out.

14. Name of Instrument: Barometer (including temperature and humidity display).

Specification:

- Digital display, with battery powered
- Measure barometric pressure
- Measure temperature (below or -20°C to 60°C or above).
- Measure relative humidity 95% or more.

15. Name of Instrument: Blood Pressure monitor with auto inflatable cuff.

Specification:

- Digital display of systolic blood pressure, diastolic blood pressure and heart rate.
- Automatic inflatable cuff.
- Battery powered.

16. Name of Instrument: Physiograph (ECG, EMG, EEG, GSR).

Specification:

- Student physiograph with minimum 03 channels to measure ECG, EMG, EEG, GSR
- Couplers: Pulse Respiration, temperature, EKG, GSR
- Transducers: Pressure, muscle activity, respiration & temperature.
- Accessories: EKG electrode, EEG & EMG electrode / paste.

Financial Bid**ANATOMY AND PHYSIOLOGY INSTRUMENTS**

Sl. No.	Name of Instruments	Required quantity	Amount quoted (each)	GST, if any
01	Stadiometer	01		
02	Anthropometer	05		
03	Skin fold caliper	05		
04	Hand Grip dynamometer	02		
05	Back and leg muscle strength dynamometer	02		
06	Spirometer (With water drum)	03		
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13	Bio – Impedance analyzer	01		
14	Barometer (including temperature and Humidity display)	02		
15	Blood Pressure monitor with auto inflatable cuff	02		
16	Physiograph (ECG, EMG, EEG)	01		

Signature with Seal

Check list for submission of Technical Bid

Sl. No.	Particulars	Remarks/documents to be attached
1.	Name of the Agency	
2.	Address of Head Offices: Telephone: E-Mail Fax Number (if any): Name(s) of the contact person(s):	
3.	Self attested copy of PAN NUMBER	Page No.....
4.	Self attested copy of GST NUMBER	Page No.....
6.	Self attested copy of Audited Statement of Accounts/Form-16 for the 03 years 2015-16, 2016-17 and 2017-18.	Page No.....
7.	Details of Bid Security Fee: (Rs.72,000/-)	Page No.....
8.	Details of Tender Fee: (Rs.500/-)	Page No.....
9.	Enclosed terms and conditions duly signed and stamped by the agency, if accepted.	Page No.....

Signature with Seal