

**OFFICE OF THE RESIDENT COMMISSIONER  
GOVT. OF MADHYA PRADESH, MADHYA PRADESH BHAWAN  
2, LOKPRIYA GOPINATH BARDOLAI MARG,  
CHANAKYAPURI, NEW DELHI-110021  
Phone No. 011-42340100,190 Fax No. - 23019461**

**DETAILED NOTICE INVITING TENDERS**

**NIT NO. CTS/214/ 20/MPB/2022**

**Date: 24 / 02 /2022**

Cost of Tender form	:	₹ 200/- Cash/DD (non-refundable)
Date of Issue of N.I.T.	:	24/02/2022
Last date and time of purchase tender	:	17/03/2022 upto 03:00 PM
Last date and time of submission	:	17/03/2022 upto 03:00 PM
Date and Time of opening of Technical Bid	:	17/03/2022 upto 03:30 PM
Date and Time of opening of Financial Bid	:	24/03/2022 upto 03:30 PM

1. Sealed tenders are invited on behalf of the **Governor of Madhya Pradesh from reputed & experienced contractors in the similar field** in prescribed form which will be received at the **Office of the Resident Commissioner, M.P. Bhawan** on or before 03:00 P.M. of dated 17/03/2022 and will be opened on the same day at 03:30 P.M.
- 1.1 The prescribed tender form can be obtained from reception counter of M.P. Bhawan by depositing of a non-refundable fee of ₹200.00. The tender form can be down loaded from web site [www.mpbhawan.gov.in](http://www.mpbhawan.gov.in) and can be submitted with tender fee of ₹200.00 through bank draft in favour of Addl. Resident Commissioner, Government of Madhya Pradesh, New Delhi.
- 1.2 Financial offer should accompany with requisite earnest money in the form of DD in favour of "Addl. Resident Commissioner, M.P. Bhawan, New Delhi".

1. **Name of work** : **Supply, Installation, Testing and Commissioning of 10000 CFM Air Washer Unit at Madhyanchal, Plot No. 12, IHC Pocket, Institutional Area, Vasant Kunj, New Delhi – 110070.**
2. **Probable Amount of Contract** : **₹1,75,000/-**
3. **Amount of Earnest Money** : **₹3,500/-**  
(Rs. Three Thousand Five Hundred Only)
4. **Period for completion** : **One month from the date of work order with guarantee of one year from the certified date of completion of work.**

- 1.3 Not more than one tender shall be submitted by a contractor or by a firm of contractors.
- 1.4 No two or more concern in which an individual is interested as a proprietor and/or partner shall tender for the execution of the same work. If they do so, all such tenders shall be liable to be rejected.

- 1.5 The **Resident Commissioner, M.P. Bhawan, New Delhi** shall be accepting officer here in after referred to as such for the purpose of this contract.
- 1.6 Application for issue of tender documents shall be submitted to **The Addl. Resident Commissioner, M.P. Bhawan, New Delhi** so as to reach the office not later than 17/03/2022 (03:00 P.M.).
- 1.7 The EMD must be deposited by an account payee bank draft of any scheduled bank drawn in favour of "**Addl. Resident Commissioner, M.P. Bhawan, New Delhi**" payable at New Delhi and must be submitted in a separate sealed cover along with the tender.
- 1.8 **SECURITY DEPOSIT:** The Earnest Money Deposit (EMD) of successful tenderer shall be retained and converted as Security Deposit. The successful bidder will have to deposit the prescribed Security (5% of the approved tender value) and to be paid in the form of Bank Draft to the "**Additional Resident Commissioner, Madhya Pradesh Bhawan, New Delhi**" payable in New Delhi. The Security Deposit is liable to be forfeited in case the bidder violates the terms and conditions of the agreement in any manner. The security deposit shall be released after successful completion of one year of guarantee period.

## **RATES:**

- 2.1 The schedule of items: -

The schedule of main items of work to be executed as per memorandum of Financial Bid.

- 2.2 Annexure - (A) Technical Bid.

- 2.3 Rate to be quoted in Annexure- (B) Financial Bid

## **3 SCOPE OF WORK**

Madhyanchal Bhawan is Government Guest House responsible for providing boarding, lodging and other related services to the constitutional authorities during their visit to Delhi. It has well organized rooms, lounge, restaurants and halls for providing the required facilities to the guests.

The work under the contract will include the **supply, installation, testing and commissioning of air washer unit** conforming to these specifications and in accordance with requirements of schedule of quantities. The unit shall be installed on the same place; where the old air washer unit has installed.

Addl. Resident Commissioner  
M.P. Bhawan, New Delhi

## 4. TECHNICAL SPECIFICATIONS

### AIRWASHER UNITS

#### 4.1 SCOPE

The Scope of this section comprises the supply, installation, testing and commissioning of air washer units conforming to these Specifications and in accordance with requirements of schedule of quantities. The unit shall be installed on the same place; where the old air washer unit has installed.

#### 4.2 TYPE

The Air Washer Units shall be of draw thru type having various sections such as wire mesh filter section, with suitable thickness cellulose pad section, and fan section with centrifugal fan as per schedule of quantities. The air moving capacities shall be as shown in schedule of quantities.

#### 4.3 HOUSING/ CASING

The housing/casing of the cooling unit shall be of double skin construction. The frame work shall be of extruded aluminium hollow sections. All the frames shall be assembled using, pressure die cast aluminium joints to make a sturdy strong & self-supporting frame work for various sections. The construction shall allow disassembly of the various sections and easy re-assembly to enable easy transportation, shifting etc. 25mm thick double skin panels shall be made of 0.6mm pre-coated green/blue colour sheets of GSS on outside and 0.6mm from plain Galvanized sheet inside with CFC-free PUF, 40 kg per CuM density insulation injected in between. These panel shall be fitted on the frame-work with soft rubber gaskets fixed in built-in grooves of Aluminium frame in between to make the joints air tight. Frame work for each section shall be jointed together with soft rubber gasket in between to make the joints air tight. Suitably air tight access doors/panels with nylon hinges and lock shall be provided for access to various sections for maintenance. The entire housing shall be mounted on extruded aluminium channel frame work having pressure die cast aluminium jointers.

#### 4.4 TANK

Tank shall be constructed of 304 grade 1mm thick stainless steel with necessary slope on both sides to facilitate fast removal of drain water. The tank shall extend over the cellulose pads. This tank shall be of sufficient cross-sectional dimensions to hold a large quantity of water. The design shall allow sufficient and easy access for cleaning the tray. The tank shall be provided with suitable connections to connect the water circulating pumps to circulate water to the pads. Make up water arrangement provided shall be complete with a float valve to maintain the water level in the tank.

#### 4.5 MOTOR AND DRIVE

Fan motors shall be 5 HP,  $415 \pm 10\%$  volts, 50 cycles, 3 phase squirrel cage, totally enclosed fan cooled with IP-55 protection. Motor shall be specially designed for quiet operation and motor speed shall not exceed 1440 RPM. Drive to fan shall be provided through belt drive arrangement. Belts shall be of oil-resistant type. Adjustable sheaves shall be provided. The make of motor shall be Crompton/Kirloskar/Bharat Bijli/Equivalent.

#### 4.6 FAN

The fan shall be DIDW type centrifugal fan forward, curved complete with motor and drive package. The wheel and housing shall be fabricated from heavy gauge galvanized steel. The fan impeller shall be mounted on a solid shaft supported to housing with angle iron frame and pillow block heavy duty ball bearings. The fan shall be selected for a speed not exceeding 1000 RPM. The impeller and fan shaft shall be statically and dynamically balanced. The fan outlet velocity shall not be more than 9.5 M/Sec. The fan housing with motor shall be mounted on a channel base mounted inside the housing on anti-vibration springs mounts. The fan outlet shall be connected with casing through fire retardant canvas. The make of fan shall be Kruger/Nicotra/Equivalent.

#### 4.7 **CELLULOSEPADS**

The pads shall be cellulose paper pads of suitable thickness to provide at least 90% saturation efficiency. The Cellulose paper pads shall be housed in a galvanized steel casing complete with water distribution header and interconnecting heavy duty G I or PVC pipes between pump and distribution header.

#### 4.8 **WATER CIRCULATIONPUMP**

Water circulating pump shall be of mono-block type heavy duty. The suction portion shall be at the bottom with proper seal arrangement to directly pick up water from the tank. The pump shall be suitable to operate on 220 volts, 50 cycles, single phase AC supply.

#### 4.9 **FILTERS**

Each unit shall be provided with a factory assembled filter section containing washable aluminium wire mesh filters having aluminium frame. Filters media velocity shall not exceed 2.5 M/Sec. Filters shall fit so as to prevent by-pass. Holding frames shall be provided for installing a number of filter cells in banks. The housing shall be made from aluminium sections. All joints shall be sealed airtight. The filter loading mechanism shall be sliding type.

#### 4.10 **ISOLATORS**

Vibration isolators shall be provided with all air washer units. The fan and motor framework shall be isolated from the air washer framework by means of spring type vibration isolators. The framework of the air washer and the floor shall be isolated by means of neoprene vibration isolation pads of size 150mmx150mm in two layers.

#### 4.11 **INSTALLATION**

The pumps & air-washer etc. shall be provided with necessary vibration isolation cushy foot mounts. The company shall arrange all necessary accessories such as nut bolts etc. The company shall arrange his own labour with material for completion of assembly. Anti-vibration pads of adequate efficiency shall be provided.

#### 4.12 **GUARANTEE**

The guarantee of the air washer unit is **ONE** year from the certified date of completion of work against any kind of defects or fault i/c all major & minor consumables (fan, motor, pulley, belts, filters, pump etc.) installed in the unit.

#### 4.13 **BUY BACK**

Buy back of old dynaflow air washer unit capacity of 10000 CFM with MS stand(as is where is basis) and details are as follows: -

MFD. - Year/Month	August 2014
Model	DDAW-10
Blower/Dia	Dyna/560A
Motor	3 Ph. Siemens / 5 HP / 1440 RPM
Cooling cell pad	1220 x 600 x 200 – 2 nos.
Pre-filter	610 x 610 x 48 – 4 nos.
Dimensions	2100 x 1300 x 1395 mm

**(The bidders are advised to visit/examine the air washer unit on any working days between 11:00 AM to 5:00 PM before quoting the Rate.)**

Addl. Resident Commissioner  
M.P. Bhawan, New Delhi

## **TERMS & CONDITIONS**

### **5. TERMS & CONDITIONS GENERAL:**

- 5.1 The Contractor shall **commence supply, installation and commissioning of Air Washer Unit** at Madhyanchal for Government of Madhya Pradesh within 07 days from the date of issue of acceptance and completed within 30 days.
- 5.2 The Contractor shall completely indemnify and hold harmless the Client and its personnel against any liability, claims, losses or damages sustained by it or them by reason of any breach of contract, wrongful act or negligence by the Contractor or any of its personnel engaged in the provision of the Air Washer unit work to the Client.
- 5.3 The Contractor shall not Sub-Contract or Sub-let, transfer or assigns the contract or any other part thereof. In the event of the contractor contravening this condition, Client shall be entitled to place the contract elsewhere on the contractor's risk and cost and the contractor shall be liable for any loss or damage, which the Client may sustain in consequence or arising out of such replacing of the contract.
- 5.4 The contractor shall have to maintain the work for **ONE**-year guarantee period from the certified date of completion. In case, the problem exists in such place/area the contractor shall provide the service without any claims/charge in such cases.
- 5.5 The bidders are advised to visit/examine the site on any working days between 11:00 AM to 5:00 PM before quoting the Rate.
- 5.6 No escalation in any form either of cost/materials/labours or any taxes shall be payable by the M.P. Bhawan Authority during the guarantee period.
- 5.7 The rates mentioned in the financial bid shall be inclusive of all Packing, Forwarding, Cartage, Insurance, Loading-unloading, road permit/state entry permit and Delivery, Installation, Testing, Commissioning, etc complete at site including temporary constructional Storage, Risks, Overhead Charges, General Liabilities/ Obligations etc. Any variation in the above said components till the completion of the work will also be in the bidder's account.
- 5.8 The agency shall carry out quarterly visit/inspection/maintenance (if required, with prior approval of Engineer-in-charge) of entire system and attend un-limited calls/break-down calls during the guaranty/warranty period. Thoroughly check/service entire system two times in a year with prior approval of Engineer-in-charge.
- 5.9 The bidder shall be solely responsible for any accident/medical/health related liability/compensation for the personnel deployed by it at Madhyanchal. The Madhyanchal shall have no liability in this regard.
- 5.10 On completion of all work, bidder shall remove all surplus materials & leave the site in a broom clean condition, failing which the same shall be done at bidder's risk & cost.
- 5.11 Bidder shall be responsible for taking/disposing off the all old dismantled waste materials away from the campus. The disposal of such materials shall be done immediately after completion of work at own risk & cost.
- 5.12 Conditional tender, tenders received without Tender Fee & EMD will not be accepted.
- 5.13 In situation where two or more contractors/ bidders are at par with each other in respect of their rates after all the arithmetic and other checks are carried out, then the rebate on the quoted amount from all the agencies whose rates are at par shall be invited, in sealed envelopes, which shall be opened in the presence of the agencies whosoever choose to remain present.

### **6 MINIMUM ELIGIBILITY CRITERIA**

- 6.1 The Bidder should have experienced in the similar field not less than tender amount in the Government Departments / Public Sector (Central or State) /Three Star Hotels / Guest Houses or equivalent of any three years during last five years.  
(Relevant documents i.e. copy of work order & received successful payment/transaction details or completion certificate to be submitted along with bid as documentary proof.)

- 6.2 The Bidder should be registered with GST portal and must submit the attested copy of provisional GSTIN registration certificate.
- 6.3 Attested copy of PAN Card.
- 7. PENALTY**
- 7.1 Whenever and wherever it is found that the work is not up to the mark, it will be brought to the notice of the Contractor by M.P. Bhawan Authority and if no action is taken within 24-hour, liquidated damages @ ₹ 500/- per complaint shall be imposed. The decision of M.P. Bhawan Authority official in charge shall be final, in this regard.
- 7.2 The contractor shall ensure immediate rectification of such complaints in the guarantee period, within twenty-four hours failing which a minimum penalty of ₹ 500/- per day will be imposed beyond reasonable time and will be deducted from the pending bills or the cost of security deposit of the contractor.
- 8. DISPUTE SETTLEMENT**
- 8.1 In the event of any dispute all matter shall be referred to the sole arbitration of Resident Commissioner, Govt. of Madhya Pradesh, M.P. Bhawan, New Delhi, for arbitration, whose decision shall be final & binding.
- 8.2 All disputes arising out of or in any way connected shall be deemed to have arisen in New Delhi. Only the courts in New Delhi shall have jurisdiction.
- 9. TERMINATION OF CONTRACT**
- The M.P. Bhawan will have the right to terminate the contract by issuing 30 days' notice if it is felt that the services rendered are not satisfactory or there is a delay in rendering service. The Security Deposit shall be forfeited and all payments shall be withhold till finalisation of account.
- 10. TWO ENVELOPE SYSTEM**
- The two envelopes may contain the following:
- Envelop - A (Technical Bid):**
- Bidder is requested to submit all the required documents properly indexed in the Technical Bid envelope with cross reference, to enable a faster scrutiny. It must have all necessary documents to support its claims made in the bid. This will include -
- (a) All the details sought from the bidder in the tender document.
  - (b) Tender Fee Rs. 200/- (Rupees Two Hundred only).
  - (c) EMD of Rs. 3,500/- (Rupees Three Thousand Five Hundred only).
  - (d) Self-attested copies of all documents on which relies upon to meet the specification given in the Tender document.
- Envelop - B (Financial Bid):**
- Envelope shall contain the Financial Bid as explained in the document.
- 11. BID EVALUATION CRITERIA**
- a) Technical Bids shall be evaluated by a Tender Evaluating Committee based on the available documents submitted by the tenderer.
  - b) The Financial Bid of those bidders who are found eligible in Technical Bids shall be opened on 24/03/2022 in the presence of bidders who choose to be present.
  - c) M.P. Bhawan Authority reserves to seek confirmation / clarification on the supporting documents submitted by the tenderer.
- 12. VALIDITY OF TENDERS**
- Tenders shall remain valid and open for acceptance for a period of 60 days from the last date of submission of Tenders.

(Prakash Unhale)  
Addl. Resident Commissioner,  
M.P. Bhawan, New Delhi  
Date:

( )  
Authorized Signature  
For:  
Date:

### **13. UNDERTAKING**

#### **Tender for Supply, Installation, Testing and Commissioning of 10000 CFM Air Washer Unit at Madhyanchal, Plot No. 12, IHC Pocket, Institutional Area, Vasant Kunj, New Delhi – 110070**

- 13.1 I/We ..... hereby tender for the supply, installation, testing and commissioning of 10000 CFM Air Washer unit at Madhyanchal.
- 13.2 I/We hereby agree to abide by and fulfill all the terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in default thereof to forfeit and pay to the Governor of Madhya Pradesh or his successor in Office the sums of money mentioned in the said conditions.
- 13.3 The sums of **Rs. 3,500/- (Rupees Three Thousand Five Hundred Only)** through bank draft of nationalized bank payable to Addl. Resident Commissioner is herewith, forwarded as earnest money which shall be converted to security deposit of the said conditions of contract should this tender be accepted.
- 13.4 I/We..... has not been blacklisted by any of the Department/ Organization
- 13.5 The security deposit shall be released after successful completion of one year of guarantee period.

Dated     /     /2022

**Signature of Contractor**

## 14. PROFORMA FOR TECHNICAL BID

**Supply, Installation, Testing and Commissioning of 10000 CFM Air Washer Unit at Madhyanchal, Plot No. 12, IHC Pocket, Institutional Area, Vasant Kunj, New Delhi – 110070**

S.N.	Description	Details
1	Name of Firm / Agency	
2	Full Address of the Firm / Agency	
3	Email ID	
4	Mobile No./Phone No. of the Firm	
5	Registration No. of the Firm(Attached Copy)	
6	Constitution of the Firm (Attached Copy)	
7	PAN no. of the Firm /Agency(Attached Copy)	
8	GST No. of the Firm / Agency(Attached Copy)	
9	Details of Tender Fee Rs. 200/- paid (Attached Receipt or Demand Draft in favour of Addl. Resident Commissioner, Government of Madhya Pradesh, New Delhi.)	
10	Details of EMD Rs. 3,500/- in the form of Demand Draft in favour of Addl. Resident Commissioner, Government of Madhya Pradesh, New Delhi.	DD No.- Amount- Date- Bank-
11	Experience as mentioned in the Tender Document Clause 6.1 (Minimum Eligibility Criteria){ Attach Proof}	
12	Whether Agency has been blacklisted by any of the Department/Organization (attach undertaking on the letter Head of the Firm duly signed and stamped)	
13	Details of Bank Account a) Name of the Beneficiary: b) Name of the Bank and Branch: c) Account Number: d) IFSC Code: (Attached Proof- Self cancelled cheque)	

This is to certify that I/We have carefully read the contents of the Tender Document and fully understood all the terms and conditions therein and undertake myself/ ourselves to abide by the same.

Signature of Tenderer\_\_\_\_\_

Name of the Signatory \_\_\_\_\_

Name of the Firm/ Agency \_\_\_\_\_

Seal of the Firm/Agency \_\_\_\_\_



**OFFICE OF THE RESIDENT COMMISSIONER  
GOVT. OF MADHYA PRADESH, MADHYA PRADESH BHAWAN  
2, LOKPRIYA GOPINATH BARDOLAI MARG,  
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**15. FINANCIAL BID  
TENDER FOR WORKS**

I/we hereby tender for the execution for the Governor of Madhya Pradesh of the work specified by in the underwritten memorandum within the time specified in such memorandum at the rates specified therein and in accordance in all respects with the specifications, design, drawings, and instruction in writing and in the annexed conditions and with such materials as the provided for, and in all other respects in accordance with such condition so for applicable.

**MEMORANDUM**

- (a) General Description: **Supply, Installation, Testing and Commissioning of 10000 CFM Air Washer Unit at Madhyanchal, Plot No. 12, IHC Pocket, Institutional Area, Vasant Kunj, New Delhi – 110070.**
- (b) Estimated cost: **₹1,75,000/-**
- (c) Earnest Money: **₹ 3,500/- (Rs. Three Thousand Five Hundred Only)**
- (d) Security deposit **5% of the tender value** including earnest money.
- (e) Percentage if any, to be deducted from bills **TDS & other taxes as per rules**

S. No.	Particulars	Qty.	Unit	Rate (Excluding GST) in figures & words
1.	<p><b>Supply, installation, testing and commissioning of 10000CFM</b>, floor mounted type, double skin ventilation air washer unit. Air washer unit shall be PUF injected (CFC free), blower section, TEFC weather proof motor of IP-55 class F insulation, belt drive multi sheave pulley mounted on motor and fan shaft, belt guard, motor &amp; fan mounted on common base plate vibration isolator. Fan motor assembly shall be statically and dynamically balanced. AMCA approved blower, humidification section complete with 8" thick cell deck pad, 2 pass PVC droplet eliminator, EU-3pre-filter, stainless steel sump, 220 volts, 50 cycles, single phase AC supply pump set etc complete as per specification i/c dismantling of old air washer unit with accessories etc as required.</p> <p>Providing and fixing of water proof canvas and replacement of 1 mm thick G.I. Duct against old rusted &amp; damaged G.I. Duct as per site.</p> <p>MS Stand for New Air Washer Unit of 50x50x5mm MS angle with support angle and 06 nos. vibration insulation pads &amp; 06 nos. RCC blocks. The MS stand duly painted by Red oxide and black enamel paint.</p> <p>Makes:-Edgetech/Waves/Dynaflow/ Techno Vel Aircon/ ATN/Equivalent make</p>	1	Job	₹.....

S. No.	Particulars	Qty.	Unit	Rate (Excluding GST) in figures & words
2.	<b>Less:</b> Buy back of old dynaflo air washer unit capacity of 10000 CFM with MS stand (as is where is basis). MFD. - Year/Month     August 2014 Model                     DDAW-10 Blower/Dia             Dyna/560A Motor                     3 Ph. Siemens / 5 HP / 1440 RPM Cooling cell pad        1220 x 600 x 200 – 2 nos. Pre-filter                610 x 610 x 48 – 4 nos. Dimensions             2100 x 1300 x 1395 mm	1	Set	(-) ₹.....
<b>Net Amount (.....)</b>				₹.....

**Note:-The GST shall be extra as applicable on the Sr. No. 1 rate amount. However, agency should mentioned rate of applicable GST.**

Should this tender be accepted, I/We hereby agree to abide by and fulfill all the terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in default thereof to forfeit and pay to the Governor of Madhya Pradesh or his successor in Office the sums of money mentioned in the said conditions.

The sum of ₹ **3,500/- (Rs. Three Thousand Five Hundred Only)** is herewith, forwarded in Demand Draft as earnest money (a), the full value of which is to be absolutely forfeited to the Governor of Madhya Pradesh or his successors in Office, should I/We not deposit the full amount of security deposit specified in the above memorandum, in accordance with the said condition of contract, otherwise said sum of ₹ **3,500/-** shall be retained by Government as on account of such security deposit as aforesaid, or full value of which shall be retained by Government on account of the security deposit specified in the said conditions of contract.

Dated the .....day of ..... 2022

Signature of Contractor before  
Submission of tender