

**MOS/PROP/870/01/2022**  
**Embassy of India, Moscow**  
**Notice Inviting Bids**

The Embassy of India, Moscow invites bids from interested contractors for the following work in Chancery building No. 4, 6-8 & 9 located at Vorontsovo Polye 6-8 and Govt. owned residence at Vspolny 9:

Description of works
<b>6-8, Vorontsovo Polye St. (Main Chancery)</b>
<p>For the annual pressure tests we need to include the below works along with replacement of malfunctioning parts of the system.</p> <ol style="list-style-type: none"> <li>1. Installation of thermal insulation in the main boiler room as it is required by MOEK, to replace the Flex rubber insulation for foiled one.</li> <li>2. Replacement of manometers and 3 way valves:  <math>\varnothing - 25 \text{ kgs/cm}^2 - 2 \text{ pcs}</math>; <math>\varnothing - 16 \text{ kgs/cm}^2 - 35 \text{ pcs}</math>; 3 way valves – 37 pcs</li> <li>3. Replacement of thermometers + filling the casings with oil – 15 pcs</li> <li>4. Chemical washing of heat exchangers of the central heating and hot/cold water supply systems – 4 pcs</li> <li>5. Replacement of non-return valves (<math>\varnothing 80</math>) of hot/cold water supply system – 4 pcs</li> <li>6. Adjustment of automatic devices in the central heating station by the authorized technician</li> <li>7. Welding a 1/2" polypropylene tap on the inlet of hot water supply system in DPDhar Hall – 1 pc.</li> <li>8. Repair of electric boiler for hot water supply (power supply part)</li> <li>9. Re-welding plastic hot water supply pipes routed under the Embassy Residence – 3 meter</li> <li>10. Replacement of old valves (<math>\varnothing 50</math>) installed in the Chancery building from flange to ball type – 2 pcs</li> <li>11. Installation of a pump on a return heating pipe along with welded connection to the polypropylene pipes routed in the Squash building – 1 pc</li> <li>12. Replacement of intake valves for ball valves with connection to outtake pipe 1/2" - 3 pcs</li> <li>13. Installation of intake valves</li> <li>14. Marking of pipelines in the central heating block</li> <li>15. Re-weld the polypropylene pipes along with adapters in Squash building - 15 m of pipeline, number of adapters will be discussed at site.</li> <li>16. Cleaning (washing) of mud collectors-filters in the central heating block (boiler room)</li> <li>17. Pressure test of entire system (inside system)</li> <li>18. Replacement of ball valves along with coupling nuts (1/2") installed on heating radiators – 10 pcs</li> </ol>
<b>4, Vorontsovo Polye St. (Consular Wing)</b>
<ol style="list-style-type: none"> <li>1. Replacement of thermal insulation in the boiler room from Flex rubber for the foiled one. Colored marking of pipelines.</li> <li>2. Replacement of manometers and 3 way valves: <math>\varnothing - 25 \text{ kgs/cm}^2 - 2 \text{ pcs}</math>; <math>\varnothing - 16 \text{ kgs/cm}^2 - 35 \text{ pcs}</math>; 3-way valves – 37 pcs</li> <li>3. Replacement of thermometers – 10 pcs</li> <li>4. Replacement of intake valves – 10 pcs</li> <li>5. Chemical washing of heat exchangers – 4 pcs</li> <li>6. Cleaning of mud collectors-filters</li> <li>7. Installation of a new boiler along with the connected pipes, connection to power supply and hot water circulating system</li> <li>8. Checking and repair of automatic set-up of the heating and hot water supply systems, replacement of valves completely or its tops only, as well as gauges connected to pipelines, where required.</li> <li>9. Replacement of an expansion tank along with the connected pipe and start-up into operation</li> </ol>

10. Installation of new water-proof lamps along with replacement of old power supply cabling for a new one – 3 pcs
11. Replacement of ball valves along with coupling nuts of 1/2" - 10 pcs
12. Replacement of damaged (in bad state) pipe sections in the boiler room related to hot water supply.

#### **9, Vorontsovo Polye St. (JNCC)**

1. Replacement of thermal insulation in the boiler room with colored marking of pipelines.
2. Replacement of manometers and 3 way valves:  
Ø – 25 kgs/cm<sup>2</sup> – 2 pcs; Ø – 16 kgs/cm<sup>2</sup> – 20pcs; 3-way valves – 22pcs
3. Replacement of thermometers - 10 pcs
4. Replacement of intake valves – 5 pcs
5. Chemical washing of heat exchangers – 4 pcs
6. Checking and replacement (if required) of an expansion tank along with the connected pipes
7. Installation of an electric boiler along with the connected pipes and start-up of the hot water supply system
8. Adjustment of an automatic system; checking and replacement of a valve in assembly or its main part only. Set-up and start-up into operation.
9. Replacement of ball valves with coupling nuts : 1/2" - 10 pcs, 3/4" - 6 pcs
10. Replacement of a sewage outlet pipe (Ø50) starting from the 2<sup>nd</sup> floor to the well, including its fixing on the wall, adapters, outlets and inclined pipes/adapters.
11. Cleaning of mud collectors-filters in boiler room
12. Pressure test of the centralized heating system (internal system)
13. Installation of new water-proof lamps – 6 pcs
14. Replacement of ball valves along with coupling nuts (1/2") – 10 pcs

#### **9, Vspolny Per. / DCM Residence**

1. Installation of foiled thermal insulation in the boiler room, colored marking of pipes.
2. Replacement of manometers and 3 way valves:  
Ø – 25 kgs/cm<sup>2</sup> – 2 pcs, Ø – 16 kgs/cm<sup>2</sup> – 30pcs, 3 way valves – 32pcs
3. Replacement of thermometers - 10 pcs
4. Intake valves – 5 pcs
5. Chemical washing of heat exchangers – 4 pcs
6. Cleaning (washing) of mud collectors-filters
7. Replacement of supplying and reverse pipes of heat-exchange (Ø 50) from the thermal camera located behind the boundary wall up to the hatchway located at the territory of the Residence, along with replacement of ball valves at the outlet – 15m
8. Fix the leakage in the central heating module (in polypropylene pipes)
9. Replace bottom outlet taps of 1/2", 3/4" and 1" (in the central heating module – boiler room)
10. Checking and repair of automatic system of hot water supply and heating, replace valves in assembly (if required). To check and install gauges from outside of the building for opening and closing the valves.
11. Installation of new water-proof lamps with replacement of the old wiring – 6 pcs
12. Pressure test of entire heating system (internal part)

2. The schedule of payment for the work will be done in the following manner:

- (a) Mobilization advance of 30% of the total value to be paid within 3 days of the signing of the contract. The contractor will be required to furnish bank guarantee for the same amount.
- (b) Final payment of 70% of the total value of the work to be paid on completion of the work to the satisfaction of the Embassy of India.
- (c) Any delay in the completion of work beyond the agreed duration would lead to deduction in payment @ 1% of total value of contract per day of delay.



3. Interested parties may visit the site and ascertain the scope of work for formulating their quotation from 22.04.2022 to 06.05.2022. A prior appointment should be made with Establishment Section of the Embassy of India (Tel. No. 495-7837535 /Extn. 279) for this purpose.
4. Companies are required to submit their bids in a sealed envelope (**Title: Annual Repair and Maintenance of heating system of Embassy of India, Moscow**) describing in detail the breakup of the required work along with the cost of each component. The bids should be valid for a period of four months from the date of the opening of bids.
5. The sealed envelope should be submitted to the attention of the Head of Chancery, Embassy of India, Moscow **latest by 18.05.2022** accompanied with the proof of payment of Rbls. 30,000/- to the Embassy of India, Moscow vide bank transfer (Bank details can be obtained from the Embassy while visiting the site for inspection). The amount of Rbls. 30,000/- will be treated as earnest money deposit/bid security and would be returned to all the unsuccessful bidders within 30 days after finalization of the contract with the successful bidder.
6. The successful bidder shall be obliged to deposit an amount equivalent to 5% of the value of the contract to be awarded as performance security. The performance security shall remain valid for a period of 60 days beyond the completion of all contractual obligations of the supplier. The bid security shall be refunded to the successful bidder on the receipt of the performance security.
7. Representatives of all the bidding parties can be present at the time of the opening of the bids. The bids shall be opened on 19.05.2022 at 1030 hrs. at the Embassy of India, Moscow, Vorontsovo Polye, 6-8. The work shall be offered to the lowest bidding party.

  
(Ved Prakash Singh)  
FS(HOC)  
22.04.2022