



NAYA RAIPUR DEVELOPMENT AUTHORITY

**Tender Document for the
Comprehensive Annual Maintenance and Operations of
HVAC System in Mantralaya ,Mahanadi Bhawan at
Naya Raipur**

(Following Three-Envelope Tender Procedure)

**Schedule – A
Price Tender
To be submitted in ENVELOPE-3**

NIT No.: 96/HVAC/AMC/EEC-I/CE(E)/NRDA/2016-17 Raipur

Dated: 26.08.2016

Issued by: Chief Executive Officer,
Naya Raipur Development Authority (NRDA)
4th Floor, Paryavas bhawan , North block, Sector- 19,
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Tender Document Contains

- (a) Only schedule "A" and Section-I of schedule "D" are to be filled & signed by the tenderer
 (b) All the certificates as per pre qualification criteria shall be appended with relevant forms of schedule "D"

1. PART ONE (NRDA F-1)-(Attached herewith, to be submit along the tender)

Part (A)

- a) Press Notice
 b) Detailed NIT

Part (B)

a) Schedule-A

- (i) Cost Abstract
 (ii) Bill of Quantities

- b) Schedule-B –NIL
 c) Schedule-C –NIL
 d) Schedule-D

Section-I..... Technical tender forms

- (i) Letter of Technical Tender
 (ii) Tenderer's Information Sheet
 (iii) Annual Turnover
 (iv) Specific Construction Experience
 (v) Declaration
 (vi) Check list for Technical tender evaluation

Section –IIScope of work

Section –III..... Technical specifications of work

Section –IV..... Special Conditions of Contract

Section –V..... List of approved makes

Section –VI..... Drawings

- e) Schedule-E
 f) Schedule-F

2. PART TWO (NRDA F-2/3)-Standard form (Not Attached herewith, and not to be submitted along the tender) Important note: - Link site <http://nayaraipur.com/documents/gcc.pdf>

1. General Guidelines
2. Tender
3. General rules and directions
4. Conditions of contract
5. Clauses of contract
6. Model rules relating to labour, water supply and sanitation in labour camps safety code
7. Contract forms
 - (a) Draft Format for Performance Security
 - (b) Earnest Money Deposit Form (Bank Guarantee)
 - (c) Format of Contract Agreement
 - (d) Draft Format for Performance Guarantee for Water Proofing and Anti-termite Works
 - (e) Indemnity Bond
 - (f) Indenture Bond
 - (g) Notice for Appointment of Arbitrator
8. Proforma of schedules (Schedule 'A' to Schedule 'F')

Signature of Contractor.....

Signature of NRDA.....

Naya Raipur Development Authority (NRDA) Raipur, Chhattisgarh

Document details

Name of work : “Comprehensive Annual Maintenance and Operations of HVAC System in Mantralaya ,Mahanadi Bhawan at Naya Raipur”.

Name of Tenderer:

Details

- a) Cost of Tender Document : Rs
- b) EMD : Rs

Signature of Tenderer

Date:_____

COST ABSTRACT
Comprehensive Annual Maintenance Contract (AMC) And Operations of HVAC System in Mantralaya ,Mahanadi Bhawan at Naya Raipur

Sr. No	Component of Work	Amount in INR	Amount in Words (In INR)
A	Comprehensive Annual Maintenance Contract (AMC) for HVAC system (Annexure -A)		
B	Annual Operations of HVAC system		
Total Annual Maintenance Contract (AMC) and Operations Cost (INR)			

Note :-

- 1 The contract shall be valid for one year .However the same shall be extended upto two or more year with annual increment @ rate 5 % per year compounded with mutual consent of both the parties.
- 2 HVAC Supervisor should have at least 5 years experience in supervision of HVAC System . If contractor will not full fill the provision of Clause 36(i), recovery shall be made at the rate of 500/day/head
- 3 HVAC Operators should have at least 2 years experience in operation of HVAC System . If contractor will not full fill the provision of Clause 36(i), recovery shall be made at the rate of 500/day/head
- 4 Technicians should have at least 2 years experience in operation of BMS System . If contractor will not full fill the provision of Clause 36(i), recovery shall be made at the rate of 500/day/head
- 5 The quoted rate shall included mobile charge ,uniform and Other overhead of contactor.
- 6 NRDA will not pay any extra cost other than quoted rate .
- 7 Applicable sevice tax shall be rembrushed on production of original .

**Comprehensive Annual Maintenance Contract (AMC) And Operations of HVAC System in Mantralaya ,Mahanadi Bhawan at Naya Raipur
Installation /Equipment Details
(Annexure -A)**

Sr. No.	Description	Quantity	Unit
1	325 TR Carrier Screw Chiller	4	no
2	Air Handling unit -Blue star	70	no
3	Cooling Tower Fan Motor - Mihir	4	no
4	Pump -Armstrong	16	no
5	FCU's -Blue star	6	no
6	Stair case Fans	10	no
7	Split units	26	no
8	Precision A.C	4	no
9	BMS system- Honey well	1	Lot
10	DFUs-Blue star	28	no
11	Toilet Exhaust Fan	42	no
12	Cassette A.C units	7	no
13	Air Washer Units	2	no
14	Normal Exhaust Fan	38	no
15	Fresh Air Exhaust	6	no
16	Canteen Exhaust Fan	2	no
17	Canteen Fresh Air Fans	2	no
18	Plate heat exchanger	4	no
19	Thermal storage tank	3	no
20	Air expansion tank	7	no
21	Cold storage	1	no

Manpower for Annual Operations of HVAC system

Sr.No	Description	Qualification (Minimum)	Remarks
1	Supervisor (1 no)	Diploma In Mechanical Engineering	Overall incharge
2	Operators-HVAC (5 nos)	ITI	One operator per shift and one reiever to start -stop the chillers and respective pumps.
3	Technicians -HVAC (7 nos)	ITI	Two technicians per shift to carry out BMS and minor maintenance with one releiver
4	Helpers (7 nos)		