



आरोग्यं सुखं सम्पदा

ALL INDIA INSTITUTE OF MEDICAL SCIENCES RAIPUR

OFFICE OF
THE EXECUTIVE ENGINEER
PROJECT CELL AIIMS, RAIPUR

SHORT NOTICE INVITING TENDER

N.I.T. NO. 13 /EE/AIIMS/RPR/2018-19

Date: 10/09/2018


NAME OF WORK: - "Supply, Installation, Testing and Commissioning of 17 TR Ductable split AC System (2 nos.) at MGPS, AIIMS Raipur."

ESTIMATED COST
PUT TO TENDER: Rs. 17, 88,198/-

EARNEST MONEY: Rs. 35,764 /-


TIME ALLOWED: 20 (Twenty) Days

Issued to & Submitted by: _____
Mobile No / E-mail id: _____
Address: _____


Junior Engineer-(AC & R)


Consultant-(Electrical)
11/9/18

Approved by


Executive Engineer (Civil)
AIIMS RAIPUR

PRESS NOTICE

The Executive Engineer, Project Cell AIIMS, Raipur invites on behalf of AIIMS, Raipur offline percentage rate tenders from approved and eligible contractors of CPWD, MES, BSNL, Chhattisgarh State PWD, for the following work at office of SE Project Cell, AIIMS Raipur

Sl. No.	NIT No.	Name of work & Location	Estimated cost	Earnest Money	Period of Completion	Time & Date of submission of Tender	Time & Date for Opening Of Technical & Eligible Credential	Fancial bid opening will be intimated to the eligible bidder.
1	2	3	4	5	6	7	8	9
1	13/EE/AIIMS/RPR/2018-19	“Supply, Installation, Testing and Commissioning of 17 TR Ductable split AC System (2 nos.) at MGPS, AIIMS Raipur.”	₹ 17, 88,198/-	₹ 35,764 /-	20 (Twenty) Days	Upto 12:00 PM on 15-09-2018	12:30 PM on 15-09-2018	By e-Mail Ony

The tender forms and other details will be issued from the office of The Executive Engineer, Project Cell AIIMS, Raipur during the hours of 10AM to 5PM every day except on Sunday & public holiday, on submission of the following :-

- Rs.500/- in form of treasury Challan / Banker's cheque Deposit at Call Receipt of a Scheduled Bank / Fixed Deposit receipt of a Scheduled Bank / Demand Draft of a Scheduled Bank issued in favour of “**AIIMS Raipur**” as cost of tender (non refundable) shall be submitted by the contactor after the issue of tender document after verification by office of Executive Engineer (Civil).

- ✓ The enlistment of the contractors should be valid on the last date of sale of tenders.
- ✓ In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.
- ✓ In case both the last date of receipt of application and sale of tenders are extended the enlistment of contractor should be valid on either of the two dates i.e. the original date of sale of tenders or on the extended date of sale of tenders.
- ✓ The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

CRITICAL DATE SHEET

Uploading on Website	11-09-2018
Bid Document Sale Start Date	12-09-2018-14/09/2018
Bid application Date	From 11-09-2018 -14/09/2018
Bid Submission Last Date	15-09-2018 at 12:00 PM
Bid Opening Date	15-09-2018 at 12:30 PM

Criteria of eligibility for issue of tender documents

1. Condition for bidders.

(i) The Applicant should have Experience of having successfully completed works in any govt. semi govt & PSU's during the last (07) **Seven Years** ending previous day of last date of submission of tender:

(a) Three similar completed works costing not less than the amount equal to 40% of estimated Cost Put to tender,

or

(b) Two similar completed works, costing not less than the amount equal to 60% of the estimated Cost put to tender,

or

(c) One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost.


“Similar works” means works of AC & R

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of tenders.

2. Documents to be submitted by all bidders in self attested copies and to be presented in original for verification.

- (i) Copy of PAN Card should be submitted.
- (ii) Firm/Company registration certificate should be submitted with vailidity.
- (iii) GST registration certificate should be submitted.
- (iv) Experience Certificate as above.

3. While applying for issue of tender document, please ensure that all eligibility criteria documents shall be submitted in self attested photocopies and shall also be presented in original for verification. Tender document will be issued only to those contractors who fulfill the above criteria within time limit as mentioned in “Press Notice”


 (Er. Manoj Rastogi)
 Executive Engineer (Civil)
 AIIMS Raipur

Technical Specifications of Ductable Air conditioners

1. Name of Brand –Lloyd /Blue star/ Voltas/ Hitachi/ Carrier
2. Tonnage-17Tr.
3. Cooling Capacity – 20400 btu/hr min.
4. Type of Unit- Ductable Split Airconditioner
5. Type of Compressor- Scroll Compressor
6. Current/Rating -415V/3PH/50Hz.
7. Refrigerant –R 410A
8. Pipe Material – Inner Grooved anti corrosive Copper Pipe
9. Condensor Unit(Outdoor)- Inner Grooved anti corrosive Copper Pipe
Blue fins
10. Evaporator Unit(Indoor) - Inner Grooved anti corrosive Copper Pipe
11. Ducting Material – GI Material with aluminum powder coated
Grill/Diffuser according to the requirement.
12. Insulation Material – Nitrile rubber/resin bonded fiberglass insulation.

Manoj Rastogi
E.E. (AC/R)

[Signature]
11/9/18

[Signature] 11/9/2018
E.E.

इंजी. मनोज रस्तोगी
Er. Manoj Rastogi
कार्यपालन अभियंता (सिविल)
Executive Engineer (Civil)
एम्स, रायपुर (छ.ग.)
AIIMS Raipur (C.G)

Schedule of Quantity

Subject: Supply, Installation, Testing and Commissioning of 17 TR Ductable split AC System (2 nos.) at MGPS, AIIMS Raipur

S.N.	Description	Qty	Unit	Unit Rate	Amount
1	Supply, Installation, testing and commissioning of 17 TR Air Cooled Ductable Split Air conditioner having two Compressor of 8.5TR with built in microprocessor based control Panel with 410a Refrigerent,2 indoor unit and 4 outdoor unit (2 Evaporators with blower and 4 condenser unit with compressor)	2	NOS	471450.81	942901.62
2	Supply and fixing of Fire Retardant Canvass Connections	2	NOS	5462.32	10924.64
3	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.				
3.1	1.0 MM GI Ducting	25	SQMT	1458.00	36450.00
3.3	0.80 MM GI Ducting	45	SQMT	1104.00	49680.00
3.2	0.63 MM GI Ducting	230	SQMT	942.00	216660.00
4	Acoustic Insulation of Duct				
4.1	Supply and fixing of acoustic insulation in supply air duct up to 5 meter length with 12 mm thick resin bonded glass wool having density of 32 kg/m ³ , with 0.5 mm thick perforated aluminium sheet fixed to inside surface of ducts with cadmium plated nuts, bolts, complete as required and as per specifications.	40	SQMT	717.60	28704.00
5	Thermal Insulation of Duct				
5.1	Supplying and fixing 25 mm thick aluminium foil faced resin bonded fibre glass insulation / mineral wool (on outside duct) of density 24 kg/cu.m after applying two coats of cold setting adhesive (CPRX compound) sealing all joints with self-adhesive aluminium tape .	300	SQMT	663.52	199056.00
6	Supplying, fixing, testing, and commissioning of supply air diffusers of powder coated aluminium with aluminium volume control dampers with anti-smudge ring & removable core.	3.25	SQMT	11363.00	36929.75
7	Supplying & fixing of powder coated extruded aluminium Return Air Grills with louvers but without volume control dampers complete as required.	3.25	SQMT	5507.00	17897.75
8	Supply, installation, testing and commissioning of GI volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws linkages, and flanges etc, as per specifications.	2	NOS.	6500.00	13000.00

S.N.	Description	Qty	Unit	Unit Rate	Amount
9	Supplying, fixing and Testing of Hard Drawn Copper Pipe of 1 1/8" and 5/8" dia with Insulation for Refrigerant.	80	RMT	1649.79	131983.20
10	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge for Drainage.				
10.1	32 mm Dia	20	RMT	289.05	5781.00
11	Outdoor unit mounting stand made out of 40x40x5 mm MS angle frame 1230(L)x550(w)x400(h)mm	4	NOS	1151.09	4604.36
12	In door unit mounting arrangement angle supports (made out of 12 mm dia MS Rod and 40x40x5 mm MS angle (size of indoor unit is 2035(L)x1085(W)x550(H) mm)	2	NOS	1882.66	3765.32
13	Power & Control Cabling for AC unit 3.5x25 sqmm Copper cable armoured.	60	MTR	370.17	22210.2
14	Providing and fixing of Three Pole, 100amp, 16KA (breaking capacity) MCCB with thermomagnetic release and terminal spreaders provided with power distribution box with MCCB for each unit having copper Bus Bar for connecting load cable including drilling hole , making connections etc. as required with indication lamp.	1	NOS	46818.24	46818.24
15	Providing and fixing of DOL Starter of 35-45 Amp rated including drilling hole in cubicle panel, making connections to existing Panel.	2	NOS	10415.74	20831.48
				Total	1788197.56



Er. Manoj Rastogi
Executive Engineer (Civil)
AIIMS, Raipur (C.G.)

Percentage quoted in Figures and Words

Seal and Sign. Of contractor