



AERONAUTICAL DEVELOPMENT AGENCY

(Ministry of Defence, Govt. of India)
P.B. No. 1718, Vimanapura Post, Bangalore-560 017, India.

0751-03-0900/ADA/SER/ELECT/NFTC/5.5 TR AC

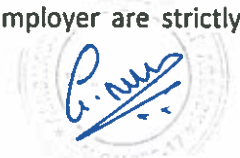
26th September 2018

To:

TERMS & CONDITIONS

Sealed tenders are invited by M/s Aeronautical Development Agency for the
"SHIFTING OF 5.5 TR A/C UNITS AT NFTC."

2. Quotation should be addressed to "C A O(R), ADA" and should be submitted on or before 04:00 PM on 08.10.2018. The Tender Enquiry can also be downloaded from our website (www.ada.gov.in).
3. Tenders not properly filled, mutilated with incorrect calculation or generally not complying with the conditions will be rejected.
4. The Envelope Shall be Super scribed With the Subject of the Enquiry, Enquiry Number & Due Date for Submission and ensure to reach our office within the due date and time. The quotation, would be supported by vendors "Letter Head" with full details of address, phone/fax No. , GST Registration No., Mail ID etc., which is mandatory.
5. Tenderers should quote their prices and rates both in figures and in words. No blank spaces are left. All erasures and corrections made while filling up the tender shall be initialed.
6. The tender shall remain open for acceptance for a period of 60 days from the date of opening of the tender.
7. **Every tenderer is expected to inspect the site of the proposed work before quoting to understand the nature of work.** The responsibility of satisfactory completion of the work and smooth functioning of the system shall rest solely with the contractor.
8. Prices quoted shall include all, duties, taxes leviable by the central and state governments and other statutory bodies. The rates quoted will be treated as all-inclusive and no further claims what so ever will be entertained in this respect.
9. Contractor Capabilities: The tenderer shall bring out specifically in the tender the setup available in Bangalore, for the execution of such projects and for rendering effective service.. He shall bring out the list of similar installations maintained or similar works executed by the contractor in the last two years. Copies GST Registration, PAN, Registration under shops and Establishments Act or any other Act of the central/state government and Registration as a licensed electrical contractor etc may be enclosed with the tenders. Tenders without the above details and documents will be rejected.
10. Service Facility: The contractor must have full fledged regular service and maintenance center at Bangalore with service engineers, skilled technicians, tools, adequate spares etc, to provide immediate and uninterrupted service to the clients. The contractor shall ensure that the security regulations of the employer are strictly enforced.



11. **First Aid:** The contractor shall be responsible for all first aid and he shall keep the site fully equipped with requisite medical amenities.
12. Contractor, staff and labour shall strictly follow the factory regulation in existence. This is for the purpose of entry of labor and material, working condition, hours of working etc.
13. The contractor is expected to employ skilled employees with experience for this particular work.

Payments terms:-

14. Full payment shall be made through ECS only within 30 days of completion/acceptance and handing over of the entire work. The contractor shall submit the bill in triplicate duly pre-receipted. The quantity & items of work mentioned is approximate and payment shall be made based on actual quantity and items executed at site. Work required to be after the work is handed over an endorsement shall be obtained from the user. Payment shall be made for actual quantity of work executed at site.
15. The entire work, as specified in the scope of work shall be completed within **TWO WEEKS** from the date of handing over site. During this period no escalation or revision in rates shall be accepted. Kindly arrange to execute the said work in co-ordination with Jr. Manager (Maint) or his representative. The site shall be cleared and handed over in spic and span condition. The working hours of ADA are 08.30 AM to 05.00 PM (except SUNDAYS & HOLIDAYS) and the work is to be executed during this period.
16. All the materials brought to site should be with proper delivery Challan and obtained gate pass which should be enclosed to the bill duly sealed by the security department of ADA. Any excess materials brought to site, if taken out of ADA should be with proper out pass from the coordinator of the work and copy of which duly sealed by security enclosed to the bill.
17. The spares replaced shall be guaranteed / warranted for a period of **ONE YEAR** from the date of successful commissioning, handing over, during this period any defects noticed in terms of workmanship/materials used, during the guarantee/warranty period shall be made good/repaired/rectified by you at your cost. You shall furnish a satisfactory completion certificate and Guarantee Certificate to that effect along with the final bill.
18. The contractor shall ensure safe working condition for the workmen and should adhere to all the safety requirements. Necessary safety belts / helmets / gumboots shall be used while carrying out the work at heights. Any loss/damage caused to the property of ADA by the contractors workmen during the course of execution of the work shall be made good by the contractor at his own cost and to the entire satisfaction of the Jr. Manager (Maint) or his representative.
19. The contractor shall be solely liable for accident/injury that may happen to any of the personnel engaged by him or his sub contractor in connection with the contract work. ADA shall not be liable for any damage or compensations in respect of or in consequence of any accident or injury to any personnel in the employment of the contractor or his sub contractor and the contractor shall indemnify ADA from compensation and proceedings. The contractor or his sub-contractor shall forthwith report to ADA all cases of accident to any of their personnel/workmen and shall make every arrangement to render all possible medical assistance and aid to the victim of the accident.
20. The contractor shall, during the progress of work employ qualified and experienced engineers/supervisor at site for executing the said work. Any decision, instruction, authorization or approval given by ADA to such contractor's supervisor shall be deemed to have been given to the contractor.



21. The contractor shall ensure that no personnel of doubtful character antecedents will be employed by him and the contractor shall follow all the security norms of ADA and willing to accept the security checks by the security personnel of ADA. Your representative/ Supervisor/Workers/ Technicians should carry Original Identity Card issued by the company and produce the same to our Security staff for obtaining Visitor Pass/Token. The contractor shall ensure that the contractor's workmen shall not enter any other places in ADA and should restrict themselves to their work area. Any person employed by you shall not be found alcoholic while working inside ADA. ADA shall reserve the right of asking the contractor to expel any person from the work spot and deny entry due to security reasons. The contractor shall carry out the said work at ADA premises for which he shall provide all tools, equipment's, waste, etc and any other items required for executing the work. He shall also be responsible for the safe custody of his belongings/stores while working in ADA.
22. Disputes, if any, arising out of this contract shall be subject to the jurisdiction of courts of law at Bangalore. All other general conditions and instructions for quotation of the tender documents shall be applicable to the contract.
23. If any difference of opinion or dispute would arise between ADA and the contractor in connection with implementation of this contract, both shall mutually discuss to arrive at an amicable solution. Failing an amicable solution, dispute arising in this connection shall be finally settled under the Arbitration and Conciliation Act 1996. The proceedings would be conducted in Bangalore by an Arbitrator to be appointed by the D(A & HR) and the award pronounced by the said Arbitrator would not be open to challenge and is final.



Yours faithfully,

S Rangarajan
CAO (R)

Detail Scope of Work

Sl No.	Description	Qty	Unit/ Rate	Amount
01.	Dismantling the existing 5.5 TR Carrier make Ductable Air-conditioner Indoor Units from above false ceiling and re-installation on ceiling by using MS Plate with necessary welding work , fixing by using anchor fastener, hardware accessories including Pressure testing, N2 gas, Vaccumizing, Gas charging & Commissioning the Unit.	02		
02.	Supply of R-22 gas	24 Kg		
03.	Supply & laying of Hard drawn 20mm Copper Pipe 1 1/8" (36 Mtrs x 3 Runs) for 3 A/c units.	108 Mtrs		
04.	Supply & laying of Hard drawn 20mm Copper Pipe 5/8" (36 Mtrs x 3 Runs) for 3 A/c units.	108 Mtrs		
05.	Supply & laying of 13mm thick vidoflex insulation 1 1/8" for 3 A/c units.	108 Mtrs		
06.	Supply & laying of 2.5 sq mm x 3 core Copper cable for 3 A/c units.	125 Rmt		
07.	Supply & laying of 2.5 sq mm x 6 core Copper cable for 3 A/c units.	125 Rmt		
08.	Supply & fixing of copper Elbow 20 mm size: 1 1/8" for 3 A/c units.	36 Nos.		
09.	Supply & fixing of copper Collar 20 mm size: 1 1/8" for 3 A/c units.	25 Nos.		
10.	Supply & laying of 25 mm dia CPVC pipes with necessary supports and fastners (for Drain line).	28 R.Mtrs		
11.	<u>Civil Works:</u> a. Provision of Core cutting of 6" dia 1 feet length in RCC walls by using standard power drilling cutting machine (First floor). b. Provision of core cutting a 2 feet x 2 feet square in RCC walls by using standard power drilling cutting machine (First floor Monitoring station).	02 Nos. 01 No.		
12.	<u>Electrical works:</u> a. Dismantling of existing 3- phase, 440 V, 12 way MCB distribution board and reconnecting 4 core 85 sq mm Al UG cable by using copper lugs, brass gland and termination, as per user requirement.	01 Job		



	b. Dismantling of existing 3- phase, 440 V, 5.5TR Air-conditioning unit control panel with remote unit and Re-installation of the same as per user requirement including control wiring complete in all respect.	03 Nos.		
13.	<u>Ducting Work:</u> a. Supply, fabrication and erection of 24G GI ducts and plenum box using 24G GI sheets, necessary flanges, gaskets, bolts & nuts, supports and fasteners etc. b. Acoustic insulation of ducting with 10mm thickness Class "O" open cell nitrile rubber Acoustic insulation for supply ducts (up to 3 mtrs from distance from unit mouth for supply air). c. Provide fire retardant canvass for unit Air handling unit and inline fan mouth connections using necessary nut & bolts.	15 Sq. Ru.mts 20 Sq. Ru.mts. 02 Sq.Mtrs		
14.	<u>False Ceiling Works :</u> a. Removing and re-fixing of grid type false ceiling including tiles, supports and carpenter works. b. Supply and fixing of 4mm thick Aluminum Composite Panel (ACP) sheets by using 2" x 1" salwood frame, to be fixed on false ceiling and side walls by using standard fixing accessories including carpentering work. The ACP Sheets to be matched with the existing matching colors.	01 Job 100 sq.feet		
	Total:			

Rupees in Words : (.....)

Note:

- Chipping & plastering the floor/ wall etc., as required at site to be carried out, including carpentry work, it is part of the work, redoing the same as it was.
- **The A/c indoor units, fixing of supporting angle to be fixed at a height of 20ft approximately.**
- **Scaffolding and ladders as required at site to be carried out and it is part of the work.**
- The indoor units fixing will be decided by user group for based on their requirement to be installed.
- The quantity mentioned is approximate and measurement shall be jointly recorded based on actual quantity executed at site. Payment shall be made for actual quantity of work executed at site.

**SIGNATURE OF THE CONTRACTOR
WITH SEAL & DATE**

