



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

No: AAM/ENGG-ELECT/AMED-VIII/HVAC/Chem/2023-24/W.O-02/A-21/447 Dt: 13.10.2023

By Speed Post/ e-mail

WORK ORDER

To,
M/s. Wat Tech Systems,
No. 6/1, New Street, Iyyappa Nagar,
Madipakkam, Chennai – 600091.

Name of Work: M/R to Air-Conditioning Installations at Chennai Airport. SH: Supply of Chemicals and Monitoring of Water Treatment i/c Maintenance of Softening Plant for HVAC at Chennai Airport.

Ref: 1) Your e-tender 2023_AAI_155441_1 price bid opened on 30.06.2023.

Dear Sirs,

1. Your e tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the items rates quoted by you totaling to **Rs.1,23,22,388.00 (Rupees One Crore Twenty Three Lakhs Twenty Two Thousand Three Hundred and Eighty Eight Only) Excluding GST**, which is 3.45 % above the justified cost of Rs.1,19,10,968.00 (Excluding GST).
2. Jt. General Manager (Engg-Elect)- III, AMED, AAI, Chennai Airport, is the Engineer-In-Charge of the work and Asst. General Manager (Engg-Elect), AMED-VIII will be his authorized representative. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of the Jt. General Manager (Engg-Elect)-III, AMED, AAI, Chennai Airport by 22.10.2023 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
3. Please deposit an amount of Rs.12,32,239.00 (Rupees Twelve Lakhs Thirty Two Thousand Two Hundred and Thirty-Nine Only) towards Security deposit within 10 days from the date of issue of this letter failing which the same will be deducted as per conditions of Clause IA of page 16 of 132 of GCC of the e-tender document.
4. You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971 and Minimum Wages Act and rules thereof Central and State Governments.
5. You are also requested to contact the Asst. General Manager (Engg-Elect), AMED-VIII immediately who will arrange to handover the site.

Handwritten signature and date: 13/10/23
Handwritten text: Jt Gen (E.E) - III

Contd...2/-

फैक्स: 044 - 2256 0008 ई पी ए बी एक्स: 2256 0551, चेन्नई हवाई अड्डे, चेन्नई – 600 027.
Fax: 044 - 2256 0008 EPABX: 2256 0551, Chennai Airport, Chennai – 600 027.



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

...2...

6. Please note that the time allowed for carrying out the work shall be **01 (One) Year with effect from 01.11.2023.**
7. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in charge.
8. Please acknowledge the receipt of the same by sending return mail to the undersigned as a token of acceptance.
9. All other terms and conditions shall be as per agreement.

Encl: Schedule of Quantity (02 pages).

Yours faithfully,

(M. Krishnamoorthy)

Jt. General Manager (Engg. -Elect.)-III,
AAI, Chennai Airport.

**AIRPORTS AUTHORITY OF INDIA
CHENNAI AIRPORT::CHENNAI-16**

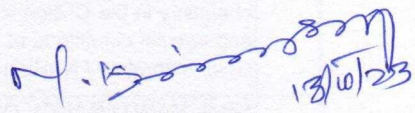
SCHEDULE OF QUANTITY

Name of Work: M/R to Air-conditioning Installations at Chennai Airport. SH: Supply of chemicals and monitoring of water treatment i/c maintenance of Softening plant for HVAC at Chennai Airport

Item No.	Description of Item	Qty	Unit	Rate	Amount
	SH-I: WATER TREATMENT PROGRAM:				
	a) Condenser Water System:				
1.01	Supply, monitoring and dosing of chemicals - Scale and Corrosion Inhibitor, Scale-Dispersant, Bio Dispersant, Oxidizing and non-oxidising Biocides, pH reducer and any other chemical as required for maintaining water chemistry in the condenser water system as per control limits Table 2 and special conditions of contract i/c submission of test reports from Govt. laboratory / NABL accredited labs etc as required.	12	Months	1,36,104.00	16,33,248.00
	b) Chilled Water System:				
1.02	Supply, monitoring and dosing of chemicals - Corrosion Inhibitor, biocide and any other chemical as required for maintaining water chemistry in the Chilled water system as per control limits in Table 3. and special conditions of contract i/c submission of test reports from Govt. laboratory / NABL accredited labs etc as required.	12	Months	46,260.00	5,55,120.00
	SH-II: MAINTENANCE OF WATER SOFTENER PLANT:				
2.01	Carrying out routine, preventive maintenance i/c operation of softener system at existing Water Treatment Plant on round the clock shift basis as per special conditions of contract etc as required.	12	Months	2,90,250.00	34,83,000.00
2.02	Testing of Ion-exchange softener Resin sample from an accredited or OEM lab and submission of original test report to the Engineer-In-Charge, once in a year / as and when required / if efficiency of softening process is found below accepted limit.	4	Jobs	4,500.00	18,000.00
2.03	Supply of softener resin media (Indion 225 Na only) and topping-up including cartage and unloading at AAI site etc complete as required.	2000	Ltrs	148.00	2,96,000.00
2.04	Supply & replacement of approved softener resin media for each vessel including removal of old resin from existing softener i/c cartage & unloading at AAI site etc complete as required.	24000	Ltrs	148.00	35,52,000.00
2.05	Supply of industrial salt NaCl for use in softener and stacking at the stores of AAI i/c cartage & unloading etc complete as required.	208000	Kgs	9.00	18,72,000.00
2.06	Comprehensive Maintenance Contract of self-propelled solid tyre wheel mounted battery operated hydraulic scissor lift - 1 No. and double mast hydraulic goods lift Besto make - 1 No.as per annexure-A4 and special conditions of contract etc as required..	12	Months	4,500.00	54,000.00
	SH-III: REPAIRING AND SERVICING OF PUMPS:				
3.01	Repairing and servicing of 7.5 HP HPS pumps installed for water softening plant including dismantling, replacement of defective / deteriorated spares such as bearing, bushing, seal, impellers, minor hardware items including cleaning and lubrication and reinstallation after one or more coat with suitable painting, testing and commissioning as per special conditions of contract etc as required.				
	a)7.5 HP soft water feed pumps 75 cum/hr	4	Jobs	34,500.00	1,38,000.00
	b) 7.5 HP HPS 45 cum/hr	3	Jobs	23,500.00	70,500.00
3.02	Repairing and servicing of following capacity motors including dismantling, replacement of defective / deteriorated spares, rewinding with suitable size copper wire, insulation, warnishing, re-assembling & reinstallation, testing and commissioning etc complete as required. (Note : Discount towards old copper winding wire shall be adjusted in the quoted rate)				
	a) 1.0 HP agitator motor	4	Jobs	7,000.00	28,000.00
	b) 7.5 HP motor	7	Jobs	19,500.00	1,36,500.00

18/10/23
JH Smeed

Item No.	Description of Item	Qty	Unit	Rate	Amount
3.03	Replacement of defective spares for the following capacity agitator motor/pump including dismantling, replacement of spares, re-conditioning of shaft, painting, re-assembling & reinstallation, testing and commissioning etc complete as required.				
	a) 1.0 HP agitator motor	4	Jobs	6,500.00	26,000.00
	b) 7.5 HP (Feed & HPS Pumps & motor)	7	Jobs	19,500.00	1,36,500.00
3.04	Replacement of entire strainer nozzles of softener vessel - (Material of Construction) Plastic, K1+NU 60, 70 Dia x 48 Height, size of nozzle connection: M24 x 50/80, slit size: 0.2 mm, No of slits per nozzle: 40 Nos. in softener tank including evacuation, storage & refilling of existing softener Resin Media of quantity 6400 Ltrs/Vessel etc complete as required.	2	Jobs	12,000.00	24,000.00
3.05	Providing additional unskilled level manpower to carry out Salt regeneration activities including shifting and loading of salt into softening vessels as and when required as per the direction of EIC etc as required.	312	Nos	960.00	2,99,520.00
Total (Excluding GST)					Rs. 1,23,22,388.00


(M. KRISHNAMOORTHY)
 Jt. Gen. Manager Engg.(E)-III
 AAI, Chennai Airport