



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

No : AAI/ NATS/E-E/AMC- Water Treat/2020-21/WO-13/

Date : 19 Jan 2021

To,

M/s ESS Kay Engineers,

WZ-16-17, Nangli Zalib,

B-1, Janakpuri,

New Delhi - 110058

Email ID : sandeep_kumar1964@hotmail.com

Subject : Annual Maintenance Contract of Water Treatment for AC Plant for 02 Years at NATS Complex, IGI Airport, New Delhi (2020-22)

Reference: 1) E-tender (Price Bid) opened on 06.11.2020

Dear Sir,

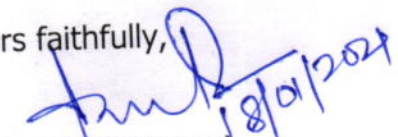
1. Your e-bid for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rate quoted by you totaling to Rs. 8,34,932/- (Excluding GST) which is 44.45% below the Justified Cost of Rs. 15,03,080/- (Excluding GST).
2. Asstt. Gen. Mgr. (E-E), AAI, NATS Complex, shall be the Engineer-In-Charge of the work. You are requested to attend the office of Asstt. Gen. Mgr. (E-E), AAI, New ATS Complex, within ten days from the start of work (as per this work order) to sign and complete the Contract Agreement. The Contract Agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
3. Please deposit Rs. 83,493/- towards Security Deposit within 10 days from the date of issue of this letter. In case the Security Deposit is in the form of Bank Guarantee, it should be issued from scheduled bank but not from Co-operative / Gramin Bank and it should be valid for the contract period + 6 months i.e. 2 ½ years. Failing submission of Security Deposit, the security Deposit @ 10% will be deducted from the running bill. The security deposit shall be refunded only after satisfactory completion of defects liability period.
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 directed to contact Manager (E-E), AAI, New ATS Complex, immediately who will arrange to hand over the site to you.

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6. Please note that the time allowed for carrying out the work shall be **02 Years** and same shall be reckoned with immediate effect i.e. from the date of taking over of the site.
7. Any further correspondence in connection with the contract should normally be addressed to Asstt. Gen. Mgr. (E-E), Airports Authority of India, New ATS Complex, IGI Airport, New Delhi – 110037.
8. The rates are inclusive of all taxes, duties, Cess, fees, royalty charges etc. levied under any statute but exclusive of GST (as applicable). The agency has to submit the bill, Tax invoices along with all necessary documents for preparing bill by this office.
9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.
10. All the letters referred above shall form part of Contract Agreement.
11. The defects liability period is **Six Months** from the date of completion of the work.
12. The Operation of present site of works i.e. NATS Complex has been shifted to DATS building and this building is under standby. Hence, the work may be foreclosed with prior notice, if the standby operation at NATS building is closed during this contract period.

Thanking You.

Yours faithfully,


(K Santhosh Kumar)
Asstt. Gen. Mgr. (E-E)
AAI, NATS Complex

Enclosure: Schedule of Quantities (One Page)

Copy to :

1. Jt. Gen. Mgr. (F&A), AAI, Operational Office Complex, Rangpuri, New Delhi.
2. Jt. Gen. Mgr. (Engg. - E), AAI, Operational Office Complex, Rangpuri, New Delhi.
3. Manager (E-E), AAI, NATS, Complex, New Delhi.
4. Office of the Labour Commissioner, Jeevan Deep Building, 4th Floor, Parliament Street, New Delhi – 110001.
5. Chief Executive Officer, EPFO, Head Office Bhavishya Nidhi Bhawan, 14-Bhikaji Cama Place, New Delhi – 110066.
6. Agreement Copy.

SCHEDULE OF QUANTITIES

Name of Work : AMC of Water Treatment for AC plant for 02 Yrs at NATS Complex, IGI Airport, New Delhi (2020-22)

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Remarks
1	Regeneration of salt 200 kg per softener is required approx three times in a month to meet the required parameters of hardness for (2x 120 TR)& (2x250 TR) central A/C plant i/c providing of commercial salt as given below for each regeneration, testing of hardness of water etc. complete as reqd at site & as specified.	Job	60	4000.00	240000.00	MR
2	Supply & pouring of chemical minimum 0.6 kg/day or as required for each Chiller for prevention of scale in the cooling tower, pipe line and condenser unit to meet the parameter as per site water condition. The chemical must have dispersant and HSP and work upto 250 PPM hardness. The chemical shall be dosed on daily basis. (Make : NALCO - 7401 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	504	60.00	30240.00	MR
3	Supply & pouring of chemical minimum 0.5 kg/day or as required for each Chiller for prevention of corrosion in the cooling tower, pipe line and condenser unit to meet the required parameters as per site water condition. The chemical must have corrosion inhibitor PSO for effective anodic & cathodic protection. The chemical shall be dosed on daily basis. (Make : NALCO - 1393 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	420	75.00	31500.00	MR
4	Supply & pouring of chemical 0.2 kg/day for each C.Tower bio dispersant for prevention of algae in the cooling tower. The chemical shall be dosed on daily basis. (Make : NALCO - 7308 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	292	76.00	22192.00	MR
5	Supply & pouring of chemical 4 kg/week for each C.Tower Non-Oxidizing biocide for prevention of micro organisms in the cooling tower as per site water condition. The chemical shall be dosed on weekly basis. (Make : NALCO - 2593 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	360	80.00	28800.00	MR

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Remarks
6	Supply & pouring of chemical 4 Kg/day for each C.Tower Oxidizing biocide for prevention of micro organisms in the cooling tower as per site water condition. The chemical shall be dosed on daily basis. (Make : NALCO - 3935 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	360	15.00	5400.00	MR
7	Supply & pouring of chemical 1 kg/day for each Chiller Alkanity reducer to control pH within control limits. The chemical shall be dosed on daily basis. (Make : NALCO - 70895 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	1320	30.00	39600.00	MR
8	Supply & pouring of chemical for corrosion inhibitor in the chiller pipe line circuit as per site water condition. Initial dosing (Minimum 160 Kgs) and subsequent dosing 10 Kg per month (Minimum) till the chemical achieve the nitrite product residual range 600-800 PPM. (Make : NALCO - TRAC 109 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	800	75.00	60000.00	MR
9	Supply & pouring of chemical 8 Kg per month for prevention of micro-organism in the chiller pipe line circuit. The chemical shall be dosed on daily basis. (Make : NALCO - 2593 or its similar specification in venza/Aquachem/ ION Exchange/ GE/ Thermax).	Kg	192	100.00	19200.00	MR
10	Replacement of INDION NA 220 resin (i/c supply) for softening plant as and when required and as per direction of E-I-C.					
(a)	Plant No. 1	Ltrs	1300	130.00	169000.00	MR
(b)	Plant No. 2	Ltrs	1300	130.00	169000.00	MR
11	Replacement of top filter section along with the necessary fitting (i/c supply) suitable for the softening plant (Make: Pentair Water, Size: 4872-6"T/6"B & Volume: 1840 litres) at site i/c labour (as & when required) as per satisfaction of E-I-C.	Job	2	5000.00	10000.00	MR
12	Replacement of bottom filter section along with the necessary fitting (i/c supply) suitable for the softening plant (Make: Pentair Water, Size: 4872-6"T/6"B & Volume: 1840 litres) at site i/c labour (as & when required) as per satisfaction of E-I-C.	Job	2	5000.00	10000.00	MR
	TOTAL				834932.00	
				Say Rs.	834932.00	

Note : The rates are inclusive of all taxes, duties, Cess, fees, royalty charges etc. levied under any statute but exclusive GST (as applicable).

(K Santhosh Kumar)
Asstt. Gen. Mgr. (E-E)
AAI, NATS Complex

Signature Not Verified

Digitally signed by K SANTHOSH KUMAR
Date: 2021.01.19 15:55:59 IST
Location: eProcurement System for Central PSUs