

**DEENDAYAL PORT AUTHORITY**  
**(Erstwhile Kandla Port Trust)**

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Office of the  
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Gujarat

No.DD/WK/3089/

Date: \_\_/\_\_/2023

To,  
M/s. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Expression of Interest**

**Sub : "Maintenance contract for Air conditioners and Water coolers installed at various places at Kandla, Gopalpuri and Gandhidham Area for period of three years." - reg.**

Sir,

Deendayal Port Authority intends to carry out the work of "Maintenance contract for Air conditioners and Water coolers installed at various places at Kandla, Gopalpuri and Gandhidham Area for period of three years."

Kindly submit your Expression of interest along with budgetary-offer for the subject work on the basis of the scope of work enclosed herewith.

The rates quoted must be inclusive of all costs such as tools, tackles, labour, transportation and other auxiliary charges for successful completion of the work excluding GST. The GST applicable shall be shown separately, which shall not be considered for evaluation purposes.

Your Expression of interest along with budgetary offer for the above work should reach this office before 04/10/2023.

Thanking you,

Yours faithfully,

SD/-  
Engineer- In- Charge (M)  
Deendayal Port Authority

## **Scope of Work:**

1. At present 10 nos. of Window Type A C, 640 nos. split type and 50 nos. Water Coolers has been installed at various places at office premises of Deendayal port Authority at Kandla, Gandhidham and Gopalpuri.

- Deendayal port Authority Intends to outsource fresh Maintenance contract for upkeep and repair of air conditioners and water cooler installed at various office premises of Deendayal port Authority at Gandhidham, Gopalpuri & Kandla as well as located inside Cargo Jetty, Oil Jetty area which includes office buildings, Container Offices, Steel floating dry dock, weighbridges, launches, tugs & other crafts and Heavy earth moving equipments & crane.
- Contractor shall visit and inspect the site and obtain all information on his own responsibility and at own cost, which may be necessary for the purpose of quoting and submitting the Rate. No excuse or ignorance as to site conditions and local information shall be accepted after awarding of the contract.
- **The Main objective of the work consists of:**
  - a) To ensure efficient, safe and reliable maintenance of the air conditioners and Water coolers.
  - b) To maintain the Air conditioners and Water coolers in a healthy and efficient condition.
  - c) To ensure high availability of the Air conditioner and Water coolers in a consistent manner.

### **2. Period of Contract and Extension**

2.01 The Maintenance Contract shall be entered for Three years. However, the same can be extended for further period of one year on the same rates and terms and conditions of tender at the discretion of Employer. In such case, Contractor shall extend the validity of Bank Guarantee till such extended period.

### **3. Contract Price**

- 3.01 The rate for the Maintenance Contract shall be quoted as per BOQ(A) & BOQ(B) and shall not be subject to any escalation for any reason whatsoever.
- 3.02 The rates quoted in Bill of Quantities Section-V shall be firm inclusive of all taxes, duties, levies, (excluding GST) and shall remain firm during the period of contract.

#### **4. Contractor Obligations**

4.01 The Air Conditioners & Water Coolers are installed at various locations in the jurisdiction of Deendayal Port Authority like Administrative Offices at Gandhidham, Kandla & Gopalpuri. The Contractor shall maintain all the units without any interruption to the concerned office staff. The work also includes repair work like leak detection, brazing of gas line, rewinding of fan motors and gas filling as and when required.

4.02 Replacement cost of spares/consumables except mentioned in Scheduled –B required for maintenance during the tenure of Maintenance Contract shall be at the Contractors account.

4.03 The Contractor shall supply and install the Materials/Spares of following make & the rate quoted at Schedule-B shall be inclusive of all the charges for labour, material, and removal of old unit and fixing of new unit, accessories, testing and gas charging. The quantities for various types of units may reduce or increase as per requirement of port. The payment will be made as per actual units serviced. The quantity of spares listed at schedule –B for replacement purpose is tentative and the payment shall be made as per the actual spares utilized.

(i) Compressor: - Hitachi/Toshiba/Mitsubishi/L.G./carrier/Voltas/Daiken/Godrej/Carrier Media and other make with ISI standard may also applicable.

(i) Condenser Coil: - Shriram Usha/ Voltas/ Blue Star/ Carrier and other make with ISI standard may also applicable.

(ii) Cooling Coil: - Shriram Usha/ Voltas/ Blue Star/ Carrier and other make with ISI standard may also applicable.

(iii) Casing for Window Type & Split Type A.C: - Shriram Usha/ Voltas/ Blue Star/ Carrier and other make with ISI standard may also applicable.

4.04 The replaced compressor shall be guaranteed for **Five year** from the date of replacement. If the replaced compressor fails during guarantee period, the same shall be replaced by the contractor free of cost.

4.05 The Contractor shall use the material of the recommended make as specified in the approved make list. In case the required make is not available due to any reason, the Contractor shall suggest the make to EIC. The decision of the EIC regarding the make and material shall be final and binding to the Contractor.

4.06 The Contractor shall arrange all tools and tackles, testing equipments, gas charging kits, gas cylinders, fan motors, fan, capacitors, thermostats, relay, wirenals,

discharge hose line, hose clamps and all other required materials connected with the machines i.e. AC & WC as and when required during maintenance contract period, at his own cost. Deendayal Port shall not provide any transport facility for shifting of AC/WC (New / Old units), spares/ parts etc. from the site to work place and vice versa. The contractor shall arrange the transport facility for the same and the cost of transport shall be born by contractor.

4.07 Consumable like Cotton Waste, Soap, Cleaning Cloth, Detergent, Solutions, Taps, Anti-corrosion fluid, Cleaners, Liquid, and CTC etc. shall be arranged by the Contractor at his own cost.

4.08 Sufficient stock of necessary spares/consumables shall be maintained such as capacitors, thermostats, fan motors, condenser coil/ Cooling coil, fan blades, Compressor, VFB PCB, copper coils, insulators, cables, PVC pipes etc. required during the preventive/breakdown maintenance.

4.09 No materials shall be provided by Port, unless otherwise specified in tender, the Contractor has to arrange for all the materials at his own cost for the smooth functioning of the work unless otherwise specified.

4.10 Comprehensive AMC of Window & Split unit AC's shall include supply of all material spares, replacement /repairs of compressor, air filter, PCB, electrical parts, servicing, overhauling, greasing, starting relay, overload protector, motor rewinding with bush and shaft, tapes including handling charges, blower motor/outdoor fan & fan motor ,fins & fins motors, piping, insulation and spares of outdoor/indoor units replacement part wiring or complete wiring of ACs etc., complete in all respects, for ensuring the desired levels of cooling.

4.11 For the Maintenance service at unit, as per the standard practice Air Conditioner Cleaning Bag (Water collecting bag) must be utilize to prevent any dust or dirt or water from reaching the Office Wall/ Floor to maintain hygiene and not disturbing the routine office work.

4.12 At site, work must be done using **core cutting machine** for precise, accurate and finished work and to avoid unnecessary damage to furniture, interior, wall etc. The installation/fixing of the unit shall be done through proper Wire nail, Discharge Water tube shall be fixed with wall in proper clamp manner. All the work should be done as per standard practice and proper finishing.

4.13 After completion of the contract period, contractor has to hand over the system in perfect running condition (complete in all respects as per inventory) to the department.

4.12 Contractor shall deploy Supervisor/Technician/Mechanic and he shall have his Mobile Phone at the time of Duty hours and available on call at all times.

4.13 The parts/ material which requires replacement shall be of same quality/manufacturer and specifications. The dismantled parts/material shall be the property of DPA.

4.14 The Contractor shall be solely responsible, at his own cost, for the supply of required PPE to his workers and staff and he shall also ensure the use of PPE such as helmets, nose masks, hand gloves etc. by his staff at site.

4.15 There shall be two types of Maintenance Service to be carried out by the Service Provider Contractor viz. Preventive Maintenance Service (PMS) and Break-down Service (BDS).

**4.15 a) Preventive Maintenance Service (PMS):**

Every unit of AC shall be thoroughly serviced quarterly, which includes Pressure jet wash cleaning of indoor & outdoor units (Coil, Fan Chamber, fan barrel) using Special speedy foam chemical. A mould inhibitor should be applied to the unit to minimize mould and bacterial growth. A record of such service, duly acknowledged by the personal authorized by Engineer in Charge, shall be maintained.

For the Maintenance service at unit, as per the standard practice Air Conditioner Cleaning Bag (Water collecting bag) must be utilize to prevent any dust or dirt or water from reaching the Office Wall/ Floor to maintain hygiene and not disturbing the routine office work.

The preventive maintenance shall include the following:

- (i) Cleaning and checking of AC/WC shall be carried out regularly. (Monthly)
- (ii) Cleaning of Air filter and front grill of AC on regular basis. (Monthly)
- (iii) The water tank of the water cooler shall be cleaned minimum once in a quarter.
- (iv) Maintaining of complaint Register at all locations i.e. at A.O Building ,Kandla and Gopalpuri along with details of work carried out.
- (v) The staff deputed by contractor shall attend day-to-day faults and breakdown at various locations as and when required.
- (vi) Replacement of compressor/cooling coil/ condenser coil/ casing shall be carried out within 48 Hrs, by the time spare unit if available shall be installed in place of faulty unit.

- Checking motor bushings
- Ground connection
- Cleaning of Air Filter
- Cleaning of the evaporator and condenser coil
- Checking & Cleaning of equipment

- Checking and tightening of nuts & bolts
- Cleaning of blower and condenser fan
- Checking cooling efficiency
- Oiling of motor
- overhauling of the A/c, with chemical washing process

However, the air filter of the air-conditioning units shall be cleaned every month of the quarter.

One complete Service of the AC as mentioned in the BOQ(A) consists the following:

- (i) Cleaning and checking of AC/WC shall be carried out regularly. (Monthly)
- (ii) Cleaning of Air filter and front grill of AC on regular basis. (Monthly)
- (iii) Every unit of AC shall be thoroughly serviced quarterly, which includes Pressure jet wash cleaning of indoor & outdoor units (Coil, Fan Chamber, fan barrel) using Special speedy foam chemical. (Quarterly).

**4.15 b) Break-down service (BDS):**

- Breakdown calls shall be attended immediately / swiftly and a record of such service, duly acknowledged by the person in charge of the location of the air conditioner and Water cooler, shall be maintained. Breakdown service will include replacement of genuine spares & Compressor.
- In a daily practice Contractor has to attend the Breakdown Maintenance on Priority.
- Contractor will ensure that the unit in which Service/Repairs carried out do not require Service/Repair again within a reasonable time.

4.15 Units ( AC & WC) taken out of the office premises for service at your workshop shall be returned at the earliest and in any case, within a week's time.

4.16 Transportation of Air-Conditioner & Water coolers (OLD or New) Units/ parts thereof from the office buildings/site to the contractor workshop, from one building/site to another and from the contractor workshop to the office buildings/site, will be at the cost of the contractor. However, in case of emergency, the DPA will provide vehicle free of cost subject to availability.

4.17 The party shall deposit the old/faulty spares with Deendayal Port Authority. The old items shall be deposited by Contractor to the locations decided by EIC. The cost of transportation shall be borne by Contractor.

#### **4.18 Essential Requirements:-**

(i) The contractor shall have full-fledged workshop (Local Area) for maintenance work with having sufficient men power.

(ii) The Contractor taking the ACs/Water cooler for repairing purpose from site to his work shall inform E.I.C or his representative and make necessary entry in the maintenance register for records.

(iii) Deendayal Port Authority shall not provide telephone/Mobile communication etc. The contractor has to arrange his own.

(iv) **Transport Utility vehicle:-** The Contractor has to provide suitable **Transport Utility vehicle** at his own cost for mobilizing in time for attending works at different location at Kandla, Gopalpuri and Gandhidham for smooth execution of the contract which includes shifting of material from one place to another place.

(v) The Contractor shall provide residential or official accommodation at his own cost, if required for his employees.

#### **(vi) Minimum Recommended Manning:**

The profile of staff shall be as under, and shall be strictly followed by the contractor.

##### **(a) Technicians:**

The Contractor has to engage 05 (Four) skilled technician having good experience in the field of Air Conditioning, Water Cooler and Refrigeration & shall be posted at A.O Building-Gandhidham, Port Premises -Kandla and Gopalpuri-Gandhidham and report to E.I.C or his representative daily. They shall be posted in General shift i.e. 09.00 hrs to 17.00 hrs and will be responsible for the smooth functioning of all units.

Technician should be very well knowledge-technically sound for fault finding and repairing work of the Unit. Repairing of the unit should be done with a minimum time and repetitive repairing is not acceptable.

##### **(b) Helper:**

The Contractor has to engage 08 (Eight) skilled/semiskilled helpers having experience in the field of Air Conditioning, Water Cooler & Refrigeration and shall assist the technician posted at A.O Building-Gandhidham, Port Primeses-Kandla and Gopalpuri-Gandhidham respectively.

##### **(c) Supervisor:-**

The Contractor has to engage 01 (One) Supervisors having good experience in the field of Air Conditioning, Water Cooler and Refrigeration & shall monitor work at A.O Building-Gandhidham, Port Primeses- Kandla and Gopalpuri-Gandhidham and report to E.I.C or his representative daily. They shall be posted in General shift i.e. 09.00 hrs to 17.00 hrs and will be responsible for the smooth functioning of all units and shall work as a coordinator between D.P.A & Contractor. He shall be available on call at all times.

Supervisor is responsible to maintain all Record, Register, Report, Maintenance Checklist Report in Hard & Soft Copy as per Instructed by the EIC . For this purpose Contractor has to provide suitable Electronic equipment(Computer) to his Supervisor.

The above staff shall be exclusively posted for maintenance work DPA Premises. It is the minimum requirement for carrying out day-to-day maintenance. They shall not be posted for any other work.

**(d) Additional staff:** The Contractor shall engage any additional staff, skilled/unskilled workers required for maintenance as and when required as instructed by EIC. No extra payment in this regard will be applicable. Instruction and Decision of the EIC will be Final for the Posting of the Staff at Different Premises of DPA. Though the working hours of the staff is 0900 to 1700 hrs. in case of emergency, they will be required to attend the work beyond these hours.

- The staffs should have a sober behaviour and obedient. Any staff coming in intoxicated condition will not be accepted by the administration.
- DPA reserves the right to ask the Contractor to remove particular person(s) from site with immediate effect if his behaviour/performance is not up to the mark and/or found indulging in unlawful activities. Contractor shall immediately comply with such instructions and fill the vacant position as required.
- The Contractor shall be directly responsible for any/all disputes arising between him and his personnel and keep indemnified against all losses, damage and claims arising thereof.
- Within the DPA'S premises, the contractor or Contractor's personnel shall not do any private work other than their normal duties.
- Contractor shall be fully responsible for theft, burglary, fire or any mischievous deeds by his staff and any loss to DPA shall be recovered from the Contractor.
- Any damage caused to the property and/or machinery (including its any part) of DPA, directly and/or indirectly incidental to and connected with the execution of the work. In such case the loss shall be assessed by DPA and Contractor shall be liable to indemnify the value of such damaged property and/or machinery.



- Photo, Video etc. inside the Port Premises (Port Area, Offices etc.) is not allowed. Contractor is fully responsible on behalf of their staff for taking Photo, Video etc. inside the Port Premises and uploaded on Social Media.

(vii) **RECORD REGISTER :**

The contractor has to maintain the following records in Soft and Hard Copy at his OWN COST, to Submit on regular Interval Time as decided by DPA in the format approved by DPA:

1. Daily work done register for maintenance works.
2. Daily Checklist Record register.
2. History book for each Unit wherein all the relevant details i.e. Service, spare consumed etc. to be recorded regularly.
3. Complaint Register.
4. Inventory Books for stores.
7. Any other record which is required to maintain for smooth maintenance.
8. Maintain the maintenance schedule in soft/hard copy for monitoring the maintenance of all Unit.
9. All required register/detail is to be strictly maintained by AMC Contractor during AMC period as the Contract Labour (Regulation & Abolition) Central Rules, 1971 such as: -
  - a. Muster Roll Register.
  - b. Register of Wages.
  - c. Register of overtime.
  - d. Register of advance pay.
  - e. Register of accident, major accident & dangerous occurrence.

**4.19** The quantity of AC/WC may increase during the maintenance contract period. The contractor shall maintain the additional units. The E.I.C shall certify the additional quantity and the payment shall be made as per the rate quoted by the Contractor in Schedule-B. Variation in quantity shall be limited to ( + ) 30% of quantity in Sch.-B.

**4.20** The Contractor is required to execute the work in such a manner so as not to cause any damage, hindrance or interference to the Port activities and the work going on in the area. The Contractor shall make good the loss at his own cost and risk all damages caused by his workmen to the Port property and no extra payment shall be made to him on that account.

**4.21** The contractor will keep adequate quantity of spares for immediate repairs and will replenish the same from time to time as per requirement. The contractor will supply, repair / replace all the spare parts during the contract period as mentioned in the scope of work and as per guidelines of EIC.

**4.22** The contractor will attend to the complaints and breakdowns promptly as and when required.

**4.23** The contractor should have all requisite service facilities at their work centres for carrying out such works and a contact telephone/Mobile number for attending to urgent repairs even after DPA office hours.

**4.24** The contractor shall make arrangement for all necessary tools, tackles and equipments for carrying out the above service contract to the technician in sufficient numbers at each Location (i.e. A.O.Building-Gandhidham, Gopalpuri & Kandla) including ladder, trolley, vacuum pump, gas charging equipment, Water Collecting System, Jet Cleaning Machine or any other equipment required etc.

**4.25** The spare parts supplied by the contractor should be brand new /original genuine one and from the reputed manufacturers / sources to ensure satisfactory performance. Used /repaired spare parts will not be accepted. Before using any spare, the same should be shown and got approved by the EIC. The contractor will ensure that the repairs carried out do not require same repairs again within a reasonable time.

**4.26** Contractor will perform the leak test and ensure that there is no leakage and required refrigerant gas is there.

**4.27** The technician deputed for the job shall be skilled and have sufficient experience.

**4.28** All parts like gas charging, fans, motors, condensers etc. repaired/replaced shall have performance guarantee for at least one year.

4.29 It will be entirely the contractor's responsibility to take required steps to adequately safeguard the personnel carrying out the work and to ensure that the work is carried out in such a manner that maximum safety to the personnel is assured.

4.30 The safety devices, protection devices, measuring instruments, gauges etc. required during Maintenance work should be calibrated to ensure accuracy.

4.31 After completion of the work at any site, the contractor is required to clear the work site.

4.32 Any damage to the Port property by the staff deputed by contractor and / or injury to any personnel of contractor during the contract period shall be the responsibility of the contractor and cost of damage / loss shall be recovered from the contractor.

## **5. MONTHLY & QUARTERLY SERVICING**

5.1 AMC of Split and window Air conditioners and water coolers includes servicing of Air conditioners and water coolers quarterly and attending breakdowns whenever required.

5.2 The contractor will carry out servicing of air conditioners, once in a quarter at all stations as mentioned above, and will ensure smooth running of all air conditioners. The cost of spares, tools, tackles, consumables, transportation to sites is included in the service rates and shall not be paid separately, except the cost of Spares which had been separately mentioned in the annexure. However, the air filter of the air-conditioning units shall be cleaned every month of the quarter.

5.3 The maintenance / servicing shall be planned in consultation with Engineer-In-Charge.

5.4 The work shall be carried out as per the best engineering practices and to the satisfaction of Engineer-In-Charge.

5.5 The contractor shall operate the items and quantities of the spare items as per work order after informing/seeking consent of EIC and the defective components shall be returned to DPA.

5.6 One complete Service of the AC as mentioned in the BOQ(A) consists the following:

(i) Cleaning of Air filter and front grill of AC on regular basis. Cleaning and checking of AC/WC shall be carried out regularly. (Monthly)

(ii) Every unit of AC shall be thoroughly serviced quarterly, which includes Pressure jet wash cleaning of indoor & outdoor units (Coil, Fan Chamber, fan barrel) using Special speedy foam chemical. (Quarterly).

## **6. REPAIRING OF AIRCONDITIONERS AND WATER COOLERS.**

In general, all repairs should be carried out at the respective places of complaint only. Wherever repair is not feasible at the site of complaint or it requires additional facilities from other sources (e.g. fan motor rewinding etc.) faulty unit will be handed over to the contractor / its representative against acknowledgement as per prevailing procedures of the company. Contractor will carry out necessary repairs on the faulty unit and fix the unit back in its original place in operating condition under the intimation of EIC or his authorized representative.

## **7. REPLACEMENT OF COMPRESSORS AND ACCESSORIES**

Replacement of failed compressor. Cooling coil, condensation coil will have to be done within 48 Hours time from the date of intimation. The failed compressors will be replaced by equivalent NEW compressors of same make only.

## **8. ATTENDING OF BREAKDOWN**

Any breakdown call given by the DPA representatives shall be attended immediately. In case contractor fails to attend the call within the stipulated / specific time limit **(15 Days)** or fails to carry out the job of maintenance like replacement of spares etc. due to any reasons whatsoever, the said job shall be got done through other agency at the discretion of EIC at the sole risk and cost of the contractor and the amount shall be deducted from contractor's bill. Decision of the EIC shall be final and binding in this regard.

## **9. PERFORMA FOR MONTHLY/QUARTERLY**

A general Performa for monthly/quarterly service shall be provided for all A C and water cooler by the contractor for necessary records & payment. The contractor will undertake any other service as may be required for effective performance of the cooling appliances without any extra cost except for provisions in the contract.

## **10. Port Obligation**

Adequate space for storage of spares/consumables ,tools and shackles shall be provided by DPA free of cost at convenient location subject to availability.

## 11. Penalty

**11.1** Cleaning of Air filter and front grill of AC on regular basis. Cleaning and checking of AC/WC shall be carried out regularly. (Monthly). A penalty 10% of Quarterly Quoted amount per Unit per day per AC will be recovered from the 30<sup>th</sup> day from day air filter cleaned in the last month till same is cleaned

**11.2** Every unit of AC shall be thoroughly serviced quarterly, which includes Pressure jet wash cleaning of indoor & outdoor units (Coil, Fan Chamber, fan barrel) using Special speedy foam chemical. (Quarterly). A penalty of 20% of Quarterly Quoted amount per Unit will be deducted for each delayed day per equipment from the 90<sup>th</sup> day from day equipment was serviced in the last quarter till the services will be done.

**11.3** The water tank of the water cooler shall be cleaned minimum once in a quarter. A penalty of 20% of Quarterly Quoted amount per Unit will be deducted for each delayed day per equipment from the 90<sup>th</sup> day from day equipment was serviced in the last quarter till the services will be done.

**11.4** The Contractor shall ensure that Complain of any Unit will attend within 4 Hrs. of receipt of information. If the Complaint is not rectified within 48 Hrs. the contractor will pay Penalty as mention below:

Penalty per day for non-working of Unit = 30% of Quarterly Quoted amount per Unit

Any Complain/Breakdown call given by the DPA representatives shall be attended immediately. Despite of Penalty as mention above, contractor fails to attend the call within the stipulated / specific time limit of **15 Days** or fails to carry out the job of maintenance like replacement of spares etc. due to any reasons whatsoever, the said job shall be got done **through other agency** at the discretion of EIC at the **sole risk and cost of the contractor** and the amount shall be **deducted from contractor's bill**. Decision of the EIC shall be final and binding in this regard.

For this purpose, Sufficient inventory of spares such as capacitors, thermostats, fan motors, condenser coil/ Cooling coil, fan blades, Compressor, VFB PCB, copper coils, insulators, cables, PVC pipes etc. shall maintained by the contractor at their own cost to avoid any delay of work.

**11.5** For the Non availability of the Manpower as mentioned at 4.18 amount will be charged form the Contractor Bill as a Penalty.

- Non availability of Supervisor - **Rs.2000/- per day per day per person**
- Non availability of Skilled Technician: - **Rs. 1000/- per day per person**
- Non availability of Helper: - **Rs. 700/- per day per day per person**

Contractor has to Provide Bio-Metric Attendance Machine for the attendance of the staff A.O. Building-Gandhidham, Gopalpuri & Kandla. As well as Contractor has to maintain the Attendance Register for the attendance of the staff. Attendance of the staff has to be enclosed with the Payment bill with stamp & signature.

**11.6** For the Non availability of the Vehicle as mentioned at **4.18(iv)** amount will be charged **Rs.1000/- per day** form the Contractor Bill as a Penalty.

## **12. Guarantee:**

**12.1** The warranty period shall be valid up to six/twelve months (6 months for repairs and 12 months for new works including supplied items) with effect from the date of acceptance of the work and/or services.

**12.2** The Contractor shall warrant the Board that the goods and services under this contract will comply strictly with the contract, shall be first class in every particular case and, shall be free from defects. The Contractor shall further warrant the Board that all materials, equipment and the supplies furnished by him will be new and fit for their intended purposes.

**12.3** The Board shall promptly notify the Contractor in writing of any claim arising under this Warranty. Upon receipt of such notice, the Contractor shall promptly repair or replace the defective goods and/or services at no cost to the Board.

**12.4** If the Contractor, having been notified, fails to rectify the defects in accordance with the contract, the Board may proceed to take such remedial action as may be necessary, at the Contractor's risk and cost.

## **13. Payment:**

**13.1** Payment of Item Number 1, 2, 3 of Schedule-B BOQ(A) shall be released quarterly on satisfactory completion of task of subject to submission of required documents like log books, reports, data, etc. The payment for servicing of various units shall be made only as per actual units serviced.

**13.2** The payment in respect of other items Schedule of Quantities (B), {BOQ(B)} the payment will be released as and when the item is carried out along with the quarterly payments.

a. Whenever Compressor, Condenser Coil, Cooling Coil, Casing for Window Type & Split Type A.C etc. is changed by the contractor as per the condition of the contract, the contract is required to submit the original purchase bill of the specific brand as mentioned in the tender condition for release of payment in this regard.

**13.3** Income tax deduction at the rate applicable including surcharge, cess at the applicable rate shall be made while making payment to the Contractor and only net amount shall be paid as directed by the Central Board of Direct Taxes, Ministry of Finance, Government of India. However, for the tax deducted at source under income tax, the TDS certificate shall be issued accordingly.

**13.4** The EIC is entitled to deduct or adjust any sum of money payable by the Contractor to the Board under the terms of any Contract executed by him or on behalf from the Security Deposit or from any sum that become due from the present Contract.

**13.5** Contractor shall submit quarterly bill along with updated report of maintenance carried out in the prescribed format, attendance sheet signed by the Engineer-in-charge or his representative and Labour report.

**13.6** S.D. shall be deducted from R.A bills as per the tender condition.

#### **14. Variation**

**14.1** During the contract period, DPA may discontinue AMC of certain nos. of ACs, Water Cooler looking to the requirement and weather for which payment of that particular quarter will not be paid.

**14.2** The quantities as shown in Bill of Quantities (A) in respect of window AC and split AC are interchangeable and accordingly payment will be released.

**14.3** The overall as well as individual variation [{ in respect of Bill of Quantities(A) (ItemNo.1 to 3)} and { Bill of quantities (B) (Item No. 1 to 33)} shall be +/- 30% in quantity for which the rate quoted by the bidder and accepted by the employer shall be applicable.

#### **15. Performance Security**

**15.1** Security deposit shall consist of two parts;

- a) Performance Guarantee to be submitted after issue of LOI, and
- b) Retention money to be recovered from Running Bills.

**15.2** Performance Guarantee shall be 10% of the contract price, of which 5% of contract price should be submitted as Performance Guarantee in form of Bank

Guarantee, or Demand Draft within 21 days, on receipt of Letter of Intent and balance 5% to be recovered as Retention Money from Running Bills. Recovery of 5% Retention Money to commence from the First RA Bill onwards @ 5% of the Bill Value from each Bill. Retention Money will be refunded within 14 days from the date of payment of final bill. Balance SD will be refunded immediately not later than 14 days from completion of defect liability period.

**15.3** Successful Bidder has to submit the Performance security @ 5% of Contract price within 21 days of receipt of Letter of Intent, failing which the work will not be awarded and the Bid Security i.e., EMD will be forfeited.

**15.4** The Port Authority will also be at liberty to deduct from performance guarantee or from any sums of money due or that may become due under any contract with the contractor that may become due to the employer. This is without prejudice to the rights of the employer under the terms of the contract. The Bank Guarantee is required to be dispatched by the issuing bank directly to The Employer by Registered AD Post.

**15.5** The Port Authority may at their option forfeit the Performance Guarantee cum Security Deposit if the contractor fails to carry out the work or perform or observe the conditions of contract.

**15.6** The Performance Guarantee cum Security Deposit will be released after successful completion of guarantee period.

SD/-  
Engineer- In- Charge (M)  
Deendayal Port Authority



## Bill of Quantities

Name of Work: - Maintenance contract for Air conditioners and Water coolers installed at various places at Kandla, Gopalpuri and Gandhidham Area for period of three years.” reg.

**(Period from \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_) for 36 months**

### **BOQ(A)**

Split , Window Air conditioners and water coolers fitted at New Kandla, old Kandla, Gandhidham, Gopalpuri offices area.					
Sr No	Description of Items	Qty per qtr/unit (a)	Rate per qtr/unit (b)	Amount per qtr (a)x(b)=( C )	Total amount for 12 qtr 12 x( C )
1	Servicing of Window type AC 1.5 T/2T capacity.	10			
2	Servicing of split type A C 1.5T 2T/ 2.5T Capacity	640			
3	Servicing of water cooler 150 ltrs Capacity	50			

**Note: -** Quantity mentioned above is indicative only. Quantity may increase or decrease as per the actual requirement. Payment shall be done as per actual unit service.

### **BoQ (B)**

#### **(Supply and Fixing of spare material for 03 Years)**

Sr No	Description	Qty	Unit	Rate	Amount
1	Supply & Fixing of Compressor in capacity Window type A C. 1.5 Ton	2.00	No.		
2	Supply & Fixing of Compressor in capacity Window type AC 2 ton	2.00	No.		
3	Supply & Fixing of Compressor in capacity inverter type split AC 1.5 T	15.00	No.		
4	Supply & Fixing of Compressor in capacity inverter type split AC 2 ton	25.00	No.		
5	Supply & Fixing of Compressor in capacity split Type AC 1.5 T	30.00	No.		
6	Supply & Fixing of Compressor in capacity split Type A C. 2T	20.00	No.		
7	Supply & Fixing of Condenser coil in capacity split type A C 1.5T	25.00	No.		

8	Supply & Fixing of Condenser coil in 2T capacity split type A C	25.00	No.		
9	Supply & Fixing of Cooling coil in 1.5T capacity split type A C.	5.00	No.		
10	Supply & Fixing of Cooling coil in 2T capacity split type A C.	5.00	No.		
11	Supply & Fixing of Condenser coil in 1.5T capacity inverter type split A C	10.00	No.		
12	Supply & Fixing of Condenser coil in 2T capacity inverter type split A C	15.00	No.		
13	Supply & Fixing of Cooling coil in 1.5T capacity inverter type split A C.	2.00	No.		
14	Supply & Fixing of Cooling coil in 2 T capacity inverter type split A C.	2.00	No.		
15	Supply and Charging of Refrigerant/Gas in WAC/SPLIT 1.5 T & 2.0 T AC (Including inverter type) and water coolers to make the unit in good working condition at its place.	775.00	Kg		
16	Supply & Fixing of compressor in 150Ltr Capacity storage type water cooler.	10.00	No.		
17	Shifting of 1.5T/2.0T split A C (Including inverter type) from one place to another. (Job includes Dismantling, Shifting and commissioning at New location)	150.00	No.		
18	Shifting of water cooler from one place to another place. . (Job includes Dismantling, Shifting and commissioning at New location)	15.00	No.		
19	Fixing of new/old 1.5/2T/ split A C	80.00	No.		
20	Installation of new /old 150Ltr Capacity storage type water cooler.	10.00	No.		
21	Removal of installed old split & window of 1.5T and 2T ACs and water coolers and shifting to DPA Main store, New Kandla in safe condition	100.00	No.		
22	Supply & Fixing of Complete set of VFD PCB in 1.5 T capacity inverter type split AC	10.00	No.		
23	Supply & Fixing of Complete set of VFD PCB in 2.0 T capacity inverter type split AC	10.00	No.		
24	Supply & Fixing of Fan motor for condenser in 1.5 T capacity inverter type split AC	5.00	No.		
25	Supply & Fixing of fan motor for condenser in 2.0 ton capacity inverter type split AC	15.00	No.		
26	Supply & Fixing of copper pipe with insulator tube 5/8"	1,000.00	Mtr.		
27	Supply & Fixing of copper pipe with insulator tube 1/2"	1,000.00	Mtr.		

28	Supply & Fixing of copper pipe with insulator tube 3/8"	500.00	Mtr.		
29	Supply & Fixing of copper pipe with insulator tube 1/4"	500.00	Mtr.		
30	Outdoor stand for 1.5 /2.0 ton capacity Split AC	400.00	Nos.		
31	Four core flexible cable 2.5 sq.mm	1,200.00	Mtr.		
32	Flexible corrugated pvc pipe 1/2 " dia.	1,500.00	Mtr.		
33	3 Pin Top 16 Amp.	200.00	Nos.		

Engineer- In- Charge (M)  
Deendayal Port Authority