

NOTICE INVITING BUDGETORY OFFERS

Name of Work	NAME OF WORK : "Supply, Installation , Testing & commissioning of Hot and Cold (UV) water purifier and 5 year CMC after completion of one year guarantee period"
Date of submission of budgetary quotation	On or Before 31/12/2024.
Address for communication:	Executive Engineer (E-HL), Mechanical Engineering Department, Mormugao Port Authority, Electrical Section, 1st Floor, Admin. Building, Headland Sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594241, 2594215 Email : xene.mgpt@gmail.com
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**EXECUTIVE ENGINEER (E-HL)
MORMUGAO PORT AUTHORITY**

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

CME/XEN(E-HL)/G-18/

Date: 17.12.2024

Sub: Supply, Installation, Testing & commissioning of Hot and Cold (UV) water purifier and 5 year CMC after completion of one year guarantee period.

Ref: Budgetary Quotation No. CME/XEN(E)/HL/G-18/03

Mormugao Port Authority intends to carry out the work of Supply, Installation, Testing & commissioning of Hot and Cold (UV) water purifier and 5 year CMC after completion of one year guarantee period.

As such, kindly furnish the budgetary quotation for the same (Technical specification enclosed as Annexure-I and Price Schedule enclosed as Annexure-II):-

Your budgetary quotation should reach to this office on 31.12.2024.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

Technical specification

1.0. General :

Mormugao Port Authority intends to take up the work of “Supply, Installation, Testing & commissioning of Hot and Cold (UV) water purifiers and 5 year CAMC after completion of one year guarantee period”.

2.0 SCOPE OF WORK:

- i) The contractor shall carry out Supply, Installation, Testing and Commissioning of 30 Nos. Water purifiers as per the given technical specifications.
- ii) All the water purifiers are to be installed in adverse site conditions. As such, the contractor shall take note of the same and accordingly, the contractor shall remove the existing water purifiers from the given location and install the new ones.
- iii) Test Certificate and installation report for the newly installed water purifiers shall be submitted before furnishing the final invoice for payment.
- iv) The contractor shall provide 01 year guarantee after commissioning and 05 years Comprehensive Maintenance Contract thereafter with on-site support to attend to defects, liabilities and breakdowns for all water purifiers.

2.1 Detailed Technical Specifications for Hot and Cold water purifier.

- TYPE : Hot and Cold (UV)
- POWER SUPPLY : 230 V AC 50 HZ +/- 10%
- TANK CAPACITIES (In Litres) : NORMAL 11L, COLD 4L and HOT 1.5L
- TYPE : ON LINE FREE STANDING
- DIMENSIONS IN MM (W X D X H) : 380 X 340 X 1140
- COMPRESSOR : 76W
- HEATER WATTAGE : 500W
- COLD WATER TEMPERATURE : 10° C Factory Preset
- HOT WATER TEMPERATURE : 83° C – 85° C
- SAFETY FEATURES : LEAK DETECTION SENSOR, TANK LEVEL DETECTION SENSOR, UV SENSOR
- RECOVERY : 35%
- No. OF FAUCETS : 3 Nos - NORMAL, COLD & HOT

2.2 Miscellaneous Items

Miscellaneous items, like saddles, fitting materials, screws, nuts, fasteners, jointers, sealants, accessories or any other material/work as required for the total commissioning, to be provided by the Contractor to commission the system successfully and to the satisfaction of Engineer-In-Charge (EIC).

3.0 INSTALLATION & COMMISSIONING

1. The Contractor shall carry the work as per the BOQ and Scope of Work.
2. The Contractor shall commence and complete the work within 60 days from date of issue of LOA to the satisfaction of the Chief Mechanical Engineer or his representative. Necessary safety measures for entire installation shall be done by the contractor as per prevailing safety standards.
3. The special tools/instruments needed for installation and regular servicing / maintenance working shall be supplied by the Contractor. All the materials required for the installation and commissioning at site shall be supplied by the Contractor (as per clause no. 2.3).
4. The work should be carried out with utmost precaution not to disrupt existing functionalities in any way. The installation of the various equipment's shall be carried as per the site conditions, availability of site locations etc. and as directed by the EIC.
5. Special care may be taken to prevent any damage to the Port's property during installation and commissioning. Any damage to the linkages/wall/ basin etc. at the time of removal of the old water purifiers shall be made good by the contractor at no additional cost to the Port. The workmanship shall be neat, clean and elegant/ aesthetic in appearance etc.
6. The old water purifiers are in working condition, hence the contractor is required to take due care not to damage the water purifiers while dismantling and shifting. The contractor shall shift the water purifiers to MM Site, Baina or as directed by the EIC for disposal.
7. All the quantities indicated in the price schedule/BoQ are indicative. However, the work shall be carried out as per site requirements. Payment will be released as per actual executed quantities after completion of work.
8. Technical brochures and data sheets, of Hot and Cold (UV) water purifier should be submitted with the tender specifically for models the tenderer intends to supply.
9. Power and water will be provided by the Port on free of cost basis.

4.0 TEST & CERTIFICATIONS

Test Certificates and warranty cards for Hot and Cold (UV) water purifier shall be submitted along with materials to the satisfaction of the Chief Mechanical Engineer or his representative, failing which the materials will not be accepted by the Port.

The Bidder should ensure that the Equipment to be supplied should be latest product release indicating the year of release and not be declared as "End of Life" Product by the respective OEM as on the date of submission of the Tender.

5.0 GUARANTEE

All the installed water purifiers shall be guaranteed for 01 year from the date of acceptance. During the guarantee period the contractor shall provide on-site support and attend to defects, breakdowns and liabilities.

5.1 MAINTENANCE DURING GUARANTEE PERIOD.

1. The contractor shall provide one-year guarantee for the equipment's installed. The maintenance during guarantee period shall include replacement of all defective components of the system including the water purifier.
2. As per prevailing standards, the contractor shall replace all the filters of the water purifier after every 6 months (Bi- annually) at his own cost during the guarantee period.
3. During the one year guarantee period, the Port shall not bear any charges incurred by the contractor for deputing the skilled manpower, logistics, licenses or materials to carry out any form of repairs.
4. The Contractor shall arrange his own tools and tackles including ladder if necessary for carrying out the works during the installation and guarantee period.
5. During guarantee period if any of the equipment supplied by the Contractor are found defective /Damaged, same has to be replaced by the Contractor at their cost. The Contractor shall maintain basic inventory of required spares for upkeep of the water purifiers installed by him during the guarantee period to keep them functional at all times.
6. As these purifiers are proposed to be installed in operational areas of the Port, wherein staff is working 24 X 7 and water being basic requirement, the technicians should be present after office hours and during holidays without any cost and liability to the Port, in case need arises. The tenderer shall provide contact telephone number/ mobile and E-mail address to also register complaints from the Port.
- 7 To attend any breakdowns and for periodic maintenance the contractor shall arrange for necessary RFID gate pass at his own cost, for the complete Guarantee period.

5.2 PENALTY CLAUSE

The fault should be attended within 24 hrs from receipt of complaint from Port, during guarantee period, failing which an amount of Rs. 500/- per day will be deducted from security deposit/ support charges as penalty until the fault is restored and water purifier is recommissioned.

6.0 COMPREHENSIVE MAINTENANCE CONTRACT:

6.1 Maintenance during CMC Period:

- i. The contractor shall provide 05 years Comprehensive Maintenance Contract for the installed water purifiers from the date of completion of one year guarantee period.
- ii. The water purifiers are installed at various locations in the Port. The contractor will have to attend the water purifier units at site.
- iii. The contractor shall attend any number of breakdown calls from the Port within 24 Hrs. Any spares required for repairs of such units will have to be sourced by the contractor at no additional cost to the Port. To attend any breakdowns and for periodic maintenance, the contractor shall arrange for necessary RFID gate pass at his own cost, for the complete CMC period.
- iv. As per prevailing standards, the contractor shall replace all the filters of the water purifier after every 6 months (Bi- annually) at his own cost during all the 05 years of CMC period.
- v. The contractor shall formulate a checklist for the water purifiers under CMC and shall get it approved from the EIC. The contractor shall depute its service engineer once in every quarter of each year to carryout preventive maintenance of the all the purifiers as per the checklist. Apart from this checklist, the contractor shall attend to complaints logged on the register maintained by the Port. It will be sole responsibility of the contractor to ensure the complaints are rectified and acknowledgement by the user against the compliant logged in the register.
- vi. Apart from regular preventive maintenance (quarterly) the contractor will have to attend any number of breakdown calls free of cost and shall report to site within 24 hrs from receipt of breakdown calls from the Port. The maintenance during CMC shall include repairs/replacement of all defective components of the Hot and Cold (UV) water purifiers as necessary. It may be noted that, the 30 Nos. Water Purifiers are installed in dust prone areas. These 30 Nos. water purifiers are generally installed at operational areas which is working on 24 X 7 basis and as such provision of clean potable water is basic necessity. As such, these machines require special attention during maintenance to ensure maximum up-time on the units. Furthermore, the technicians should be available even after office hours and during holidays. It will be without any additional cost and liability to the Port to attend to the breakdowns. The tenderer shall provide contact telephone number/ mobile and E-mail address to also register complaints from the Port.

- vii. In case the service representative of the contractor is unable to resolve any breakdown during guarantee or CMC period, the contractor shall engage OEM if necessary or external entity at no extra cost to the Port, to resolve the issue or replace the entire unit as the case may be.
- viii. In extreme cases where the machine cannot be repaired, the contractor shall furnish a Beyond Economical Repair (BER) Certificate for the same only after concurrence of the EIC, Port reserves the right to pullout such unserviceable units from the CMC and the balance amount payable to the contractor shall be paid on pro-rata basis of the existing units under CMC during the payment period.
- ix. The special tools/instruments needed for regular servicing / maintenance working shall be supplied by the Contractor. All the materials required for repairs of the water purifiers shall be submitted by the contractor.
- x. The work should be carried out with utmost precaution not to disrupt existing functionalities in any way. Special care may be taken to prevent any damage to the Port's property. The workmanship shall be neat, clean and elegant/ aesthetic in appearance etc. There can be an increase of upto 20% in the total quantity of water purifiers during the currency of contract. The contractor shall make provision for providing the same at the rates quoted by the contractor at the time of award of work.
- xi. During the currency of the contract, if any water purifier is required to be shifted from one location to another, the contractor shall carryout the same. Further, if any water purifier is not required by the Port than the same may be discontinued from the list and the contractor may furnish invoice by excluding the same based on pro-rata rates.

6.2 Penalty Clause (For CMC and Guarantee period)

The contractor shall complete the required maintenance work as and when directed by Port Officials. Non-functioning of the system during CMC period will have to be attended and rectified within 24 hours of reporting of the fault, failing which an amount of Rs.500/- per day will be deducted for first 3 days and beyond the period of 3 days, an amount of Rs.750/- per day will be deducted as penalty from the running bills until the issue is resolved.

7.0 Other Conditions:

- 1) Technical and Commercial conditions shall be clearly furnished in the quotation. The offer shall indicate the make and model of the equipment and shall accompany with the relevant technical leaflet.
- 2) The rate quoted should be maintained till the completion of SITC / CAMC period and no upward price revision will be agreed to.
- 3) GATE PASS: Necessary Entry Permits shall be obtained by the Contractor for service technician and their vehicle on chargeable basis.
- 4) The Contractor must comply with the Safety aspects as governed by the relevant edition of Indian Electricity Rules and Industrial Safety, the contractor shall be responsible for overall safety.
- 5) The Tenderer shall inspect the site and assess the requirement if necessary before furnishing their offered.
- 6) After completion of work carried out during installation/servicing/breakdown maintenance, the contractor shall clear the work site of any scrap/packaging material/old filter cartridges/water spillage/rags etc as per prevailing environmental norms.

PRICE SCHEDULE (BILL OF QUANTITIES)

Sr. No	Description	Unit	Qty.	Unit Rate (Excl. of GST) (Rs.)	Amount (Excl. of G.S.T) (Rs.)	GST %	Total Amount (Incl. of GST) (Rs.)
A	B	C	D	E	F = D X E	G	I = G X F
1	Supply, Installation, Testing and Commissioning of HOT and COLD Water Purifier.						
	Supply	Nos.	30				
	Installation and Commissioning	Nos.	30				
2	Comprehensive Maintenance Contract (CMC) with full responsibility of carrying out repair and supply of required original spare parts to keep the water purifier in fully operational condition for a period of 5 years, after one year Guarantee period.						
a.	1 st year CMC	No.	1				
b.	2 nd year CMC	No.	1				
c.	3 rd year CMC	No.	1				
d.	4 th year CMC	No.	1				
e.	5 th year CMC	No.	1				
	TOTAL						

(In Words Rupees _____ only
exclusive of all taxes)

Note: The rates quoted shall be inclusive of freight, packing & forwarding, insurance but exclusive of GST. Applicable GST shall be paid extra as applicable.