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**MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT**

Quotation no. CME / PD / I / 2023

Quotation

for

**“Annual Rate Contract (ARC) for major breakdown repair works of
water pumps in and around Mormugao Port Authority”**

Quotation due date of submission is 08.03.2023 at 11.00 hrs.

Quotation date of opening is 08.03.2023 at 11.30 hrs.

Website: <https://www.mptgoa.gov.in/>

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in a sealed cover from experienced firms duly superscribed as; Quotation for “**Annual Rate Contract (ARC) for major breakdown repair works of water pumps in and around Mormugao Port Authority**”.

Details about Quotation:

Quotation No.	CME / PD / I / 2023
Name of Work	Annual Rate Contract (ARC) for major breakdown repair works of water pumps in and around Mormugao Port Authority
Completion Period	The rates accepted by the Port shall be fixed and effective for a contract period of one (1) year from the date of receipt of acceptance of LOA/Purchase order. However, the contract may be renewed for further period of one (1) year at the same rates, terms and conditions, with mutual consent.
Estimated Cost	Rs. 2,83,200 /- (exclusive of G.S.T)
EMD	Rs. 6,684/- (Rupees six thousand six hundred and eighty four only) (inclusive of 18% GST), refundable or exemption (MSME) certificate as per Section-I, General Terms and Conditions, clause no. 1.1.2
Cost of Quotation Document	Rs. 590/- (Rupees Five hundred and ninety only) (incl. of 18% GST). Non-refundable or exemption (MSME) certificate as per Section-I, General Terms and Conditions, clause no. 1.1.1 Note: Bidders not providing EMD & Quotation Document Cost OR producing exemption (MSME) certificate before due date and time shall be disqualified.
Damage Charges for non-compliances for delay in repair works	The failed pumps are to be repaired / rectified by the contractor within 24 hrs. from the time of written intimation/letter, failing which an amount Rs.1000/- per day will be deducted/recovered with a maximum limit of 50% of the quoted price of the individual breakdown pumps.
Security Deposit	03% (three) of the contract value plus GST @18% as per Section-I, General Terms & Conditions, clause no. 1.7
Payment terms	100% Payment will be released on submission of undisputed bills along with relevant documents (EPF/ESI challans, muster roll, wage register). Contractor bank details to be furnished as per Appendix-I.
Submission of Quotation	As indicated at clause no. 1.4
Quotation Validity	120 Days from the due date of submission of the quotation.

Guarantee Period	The entire work of repairs and spares replaced (other than the Annexure – I) shall be guaranteed for Six months from the date of successful trials of the repaired pumps. If the pump fails within the guarantee period of six months due to wrong workmanship / defective spares, the same shall be replaced / repaired free of cost by the contractor.
Date of submission	08.03.2023 at 11.00 hrs.
Date of Opening	08.03.2023 at 11.30 hrs.
Address for communication and submission of bid:	Executive Engineer (P&D), Engineering Mechanical Department, Mormugao Port Authority, Headland Sada, Goa – 403804.
Contact Details	Phone : 0832-2594227 /4228
Website	https://www.mptgoa.gov.in/

**EXECUTIVE ENGINEER (P&D)
MORMUGAO PORT AUTHORITY**

SECTION – I

1.0 GENERAL TERMS AND CONDITIONS

1.1 Cost of the Quotation Document & Earnest Money Deposit (EMD):

- 1.1.1 The Bidder is required to furnish Document cost of **Rs. 590/-** (Rupees Five hundred and ninety only) (incl. of 18% GST), non-refundable or exemption as per certificate as clause no. 1.1.3 below. E-payment receipt of the same shall be submitted along with the Quotation. Failure in submission of receipt towards cost of quotation document will render the bidders disqualified, except in the case as per Clause no. 1.1.3 below. Exemption towards payment of cost of the quotation document will be extended only to Micro and Small Enterprises.
- 1.1.2 The Bidder is required to furnish EMD of **Rs. 6,684/-** (Rupees six thousand six hundred and eighty four only) (incl. of 18% GST), refundable or exemption as per certificate as clause no. 1.1.3 below. E-payment receipt of the same shall be submitted along with the Quotation. Failure in submission of receipt towards EMD will render the bidders disqualified, except in the case as per clause no. 1.1.3 below. Exemption towards payment of EMD will be extended only to Micro and Small Enterprises.
- 1.1.3 Micro and Small Enterprises (MSE) registered with District Industries Centre (DIC) or Khadi and Village Industries commission or Khadi & Industries Board (KVIB) or Coir Board or National Small Industries Corporation (NSIC) or Directorate of Handicrafts and Handlooms or **Udyam Registration Certificate** or any other body specified by Ministry of MSME shall be exempted of payment of document cost on producing self-attested valid supporting certificates issued by the governing body.

1.2 Earnest Money Deposit (EMD):

- 1.2.1 The bidder is required to pay **Rs. 6,684/-** (Rupees six thousand six hundred and eighty four only) inclusive of GST @ 18 % as EMD. The tender not accompanied with EMD shall be summarily rejected, except in the case as per clause no. 1.1.3 above.
- 1.2.2 The Earnest Money Deposit of unsuccessful bidders shall be returned without interest as early as possible on award of Contract to the successful bidder. The Earnest Money Deposit of the successful bidder shall be refunded (without interest) only on receipt of Security Deposit as stipulated in the tender.
- 1.2.3 In the event of forfeiting the EMD/Security deposit, GST is applicable and while imposing Damage Charges for non-compliances GST as applicable shall be collected.
- 1.2.4 The Earnest Money Deposit may be forfeited, if
- 1.2.4.1 the Bidder withdraws the Bid after Bid opening during the period of Bid Validity;
- 1.2.4.2 the successful Bidder fails within the specified time limit to;
- 1.2.4.2.1 submit the Performance Security
- 1.2.4.2.2 fails to commence the work on the specified date as per LOA.
- 1.2.5 In case the Firm has submitted MSME certificates as per clause no. 1.1.3 , for participating in the tender, then the firm may be debarred for a period not exceeding three (3) years commencing from the date of debarment from participating for tenders at Mormugao Port Authority duly informing the MSME authorities, if the successful Bidder fails within the specified time limit to;
- 1.2.5.1 are in a breach of any obligation under the bid conditions,

- 1.2.5.2 the bid is withdrawn or varied or modified in a manner not acceptable to the MPA during the validity or extended validity period duly agreed by the Applicant;
- 1.2.5.3 made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements;
- 1.2.5.4 any effort by the Applicant to influence the MPA on bid evaluation, bid comparison or contract award decision,
- 1.2.5.5 the successful MSME Applicant fails within the specified time limit to;
 - 1.2.5.5.1 submit the Performance Security
 - 1.2.5.5.2 fails to fulfil the contractual Terms & Conditions

1.3 Minimum Eligibility Criteria:

1.3.1 FINANCIAL CRITERIA

The Bidder should have an Average Annual financial turnover of **at least Rs. 84,960/-** (Rupees eighty four thousand nine hundred sixty only), for the three financial years i.e. 2019-20, 2020-21, 2021-22.

In case of Micro and Small Enterprises (MSME bidders), the Average Annual Financial Turnover shall be **at least Rs. 42,480/-** (Rupees forty two thousand four hundred eighty only), subject to production of certificate issued by MSME authorities.

Note: Documentary evidence duly self-attested viz. auditor's certificates, balance sheet / profit and loss statement for the three years i.e. 2019-20, 2020-21, 2021-22 shall be submitted along with the Bid.

1.3.2 TECHNICAL CRITERIA

- (i) The Bidder shall have successfully completed one Similar Work during last 7 (Seven) years ending last day of month previous to the one in which quotations are invited should be either of the following:-
 - Three similar completed works each costing not less than **Rs. 1,13,280/-** excluding GST
 - OR
 - Two similar completed works each costing not less than **Rs. 1,41,600/-** excluding GST.
 - OR
 - One similar completed work costing not less than **Rs. 2,26,560/-** excluding GST.
- (ii) In support of this, the Bidder shall submit Self-attested photo copies of LOA / work order / Agreements showing the awarded contract value for "similar works" and satisfactory Completion Certificates issued by the Client, indicating the date of Completion and completed Contract Value failing which the work shall not be considered for evaluation. Also, the bidders are required to submit TDS certificates pertaining to the referred completed work. In case the Bidder has carried out and completed the works for MPA, then the work order may be furnished along with the duly filled in price schedule, the Completion certificate and TDS certificate need not be furnished.
- (iii) Experience of having successfully completed a similar work at any time during the last 7 years ending last day of month previous to the one in which quotations are invited

PI Note: The Bidders shall enclose the copy of the work order and successful completion certificates.

Similar works means “**The bidder should have experience in Supply and maintenance/repairs of various capacities of water/Fire Fighting/Oil pumps in any State/Central Govt./PUS’s and reputed organization at Central Govt./State Govt./Port Sector/PSU or any reputed organization**”

1.4 Submission of Quotation

- 1.4.1 The sealed envelope containing e-payment receipt towards cost of document and EMD or MSME exemption certificate; copy of quotation duly signed and stamped, copies of supporting documents such as work order; completion certificate, towards fulfilment of MEC, etc., should be superscribed as ‘Quotation for “**Annual Rate Contract (ARC) for major breakdown repair works of water pumps in and around Mormugao Port Authority**”, alongwith another sealed envelope superscribed as ‘PRICE COVER’, containing the duly filled price schedule and shall be submitted to Executive Engineer (P & D), Second floor of the Port’s Administrative Bldg, Mechanical Engineering Department at Headland Sada, before the **due date and time**.
- 1.4.2 Bidder shall submit only one quotation by due date and time. In the event the Bidder is submitting more than one quotation, then all his quotations shall not be opened and summarily rejected.
- 1.4.3 The Bidder shall be allowed to be present during the opening of the quotation, in-case he/she desires to.

Note: The Price cover shall be submitted separately.

1.5 Bid Validity:

The Bid validity shall be 120 days from the due date of submission of the quotation.

1.6 Evaluation of the Bid:

- 1.6.1 An offer shall be considered responsive and for evaluation if:-
- (i) it is accompanied by requisite Cost of Quotation document payment receipt or exemption certificate as applicable
 - (ii) it is accompanied by requisite EMD payment receipt or exemption certificate as applicable,
 - (iii) the validity of the offer is same as stipulated in the quotation document,
 - (iv) it meets the Minimum Eligibility Criteria
 - (v) have submitted signed and stamped copy of the quotation issued by the Port, dully filled in Annexures, if any
 - (vi) submitted Supporting documents such as copy of work order and work completion certificate.
 - (vii) the Bid is received by Port by due date and time of submission including any extension thereof.
- 1.6.2 In case the bidder submits Bid with alterations/additions, conditional offer / imposes own terms and conditions / does not accept tender conditions completely, his/her Bid shall be summarily rejected.
- 1.6.3 Evaluation of price will be based on the lowest (L1) quoted price for each pump. The second bidder (L2) shall be kept in reserve and may be invited to match the bid submitted by the (L1) bidder in case such bidder withdraws or is not selected for any reason.

1.7 Security Deposit:

The contractor shall within 15 days from the date of issue of LoA, furnish a Security Deposit equivalent to 03% (three) of the contract value, rounded off to nearest 100 rupees either in the form

of NEFT/RTGS/DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPA, payable at Vasco, Goa.

The Security Deposit will be refunded to the contractor after satisfactory completion of the guarantee period as per clause no. 1.9 from the date of satisfactory completion of work and acceptance by Port.

The Board may, at its option, forthwith forfeit the above Security Deposit in whole or part, if in the opinion of the Board the contractor has failed to fulfill any or all of the conditions of this contract without prejudice to any and all rights of the Board to recover from the contractor any amount falling due to the Board through non-observance by the contractor of any of the clause thereof.

1.8 Contract period:

The rates accepted by the Port shall be fixed and effective for a contract period of one (1) year from the date of receipt of acceptance of LOA. However, the contract may be renewed for a further period of one (1) year at the same rates, terms and conditions, with mutual consent.

1.9 Guarantee Period:

The entire work of repairs and spares replaced (other than the Annexure – I) shall be guaranteed for Six months from the date of successful trials of the repaired pumps. If the pump fails within the guarantee period of six months due to wrong workmanship / defective spares, the same shall be replaced / repaired free of cost by the contractor.

1.10 Payment Terms:

- 1.10.1 100% payment shall be made within 30 days from the date of receipt of undisputed bills in duplicate and with all other supporting documents (EPF/ESI challans, muster roll, wage register).
- 1.10.2 The contractor shall furnish their bank account details alongwith other details as per Appendix-I. The payment will be made in ECS mode. A copy of the PAN card, GST Registration, EPF& ESI registration and IT Returns acknowledgement for previous two years shall be furnished. The GST no. shall be invariably quoted on the invoice.

1.11 Welfare Measures – EPF, ESI, Bonus:

- 1.11.1 All the workmen of this contract shall be covered with EPF as per the provisions of “The Employees Provident Funds & Miscellaneous Provision Act, 1952”.
- 1.11.2 All the workmen of this contract shall be compulsory covered as per the provisions of “Employees State Insurance Act, 1948”.
- 1.11.3 The EPF & ESI contribution of the employees shall be remitted to the authorities concerned periodically at the applicable rates by the contractor.
- 1.11.4 The documents related to the payment of EPF, ESI shall be enclosed to the Monthly bills. Further, these documents shall be produced to the enforcement authorities of Central/State Govt., whenever demanded by such Authorities. Failure to comply with EPF, ESI & other applicable welfare measures, the Contractor is liable to pay fines as decided by the enforcement Authorities or competent Authorities of MPA.

1.12 Workmen’s Compensation:

The Contractor shall indemnify MPA in the event of the MPA being held liable to pay compensation for injury to any of the Contractor’s servants or workmen under the Indian Workmen’s Compensation Act 1923 as amended from time to time and shall take out an Insurance

Policy covering all risks under the Act and shall keep the same renewed from time to time as necessary for the duration of the contract and produce the same to the Port on demand whenever so required.

1.13 Security & Safety Requirements:

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. Further any insurance of the personnel as per regulations in force has to be taken care of by the contractor.

The contractor shall comply with all regulations imposed by the customs and Port security authorities in respect of the passage of vehicle, materials and personnel through customs and Port barriers. No photographs/films of the work or any part thereof and of Plant/premises shall be taken or permitted to the contractor without the specific approval of the General Administration Department of the Port.

1.14 Gate Pass:

Port Entry passes to the Contractor, his vehicle and his workmen during the period of contract will be issued on payment basis as per rules. The Contractor shall make an application furnishing the details of his staff, key personnel/workmen for whom the Port Entry Passes are required. The contractor shall have to obtain Port entry pass for all their staff at their own cost for the contract work inside the Port area during the contract period. The present HEP rates are in port website <https://mptgoa.gov.in/>.

1.15 Injury/Damage to persons and property:

- 1.15.1 The contractor shall take all precautions while carrying out the contract work against any possible damage to Port property. Should any such damage be done by the contractor, he shall make good or bear the cost of making good the same, when brought to his notice, without delay to the satisfaction of the Engineer, failing which the same will be recovered from the bill.
- 1.15.2 The contractor shall indemnify the Port against any claim that may arise for any damage to or loss to Port property or injury caused to Port personnel or to any labour engaged by the contractor, during the execution of the contract. The Port will not be responsible for any failure on the part of the contractor or his agent to take necessary measures or precautions in this regard. In this regard contractor will be wholly responsible, if any injury/death of his person on duty, and contractor shall take necessary insurance policy to cover the staff while at work to meet any such eventualities.

1.16 Force Majeure:

Notwithstanding anything in this contract to the contrary, neither the MPA nor the contractor shall be liable or deemed to be in default for any failure or any delay in performance hereunder, if caused by "force majeure" which term shall mean but not be limited to fire, explosion, natural causes like flood, earthquake, civil commotion, strikes epidemic, pandemic and other acts of God, action of enemies, act of any government or other similar causes beyond the control of the party affected, who shall notify the other party within a reasonable time from the beginning of the operation of said cause and shall thereafter exert all diligence to overcome such cause of delay and resume performance.

1.17 Personal Protective Equipments:

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, safety shoes, nose masks,

hand gloves, Safety Harness or any other equipment as required depending on nature of work by his staff at site.

1.18 Exit Clause:

MPA will have the liberty to terminate/pre-close the contract by giving an advance notice of 03(three) months in case there are strong business reasons for it to do so as determined by its management. In such situation, the contractor shall not be entitled for any compensation.

1.19 Work not to sublet:

The contract shall not be assigned or sublet without the written prior approval of the Engineer in charge.

1.20 Indemnification:

The contractor shall be deemed to indemnify and keep indemnified the Port from and against all actions, claims, demands and liabilities whatsoever under and in respect of the breach of any of the provisions of any law, rules or regulations having the force of law, including but not limited to

- a) The Minimum Wages Act, 1948.
- b) The Dock Workers (Regulation of Employment) Act, 1948
- c) The Building and Other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996
- d) The Dock Workers' Safety, Health & Welfare Act, 1986
- e) The Payment of Wages Act, 1936.
- f) The Workmen's Compensation Act, 1923.
- g) The Employees Provident Fund Act, 1952.
- h) The Contract Labour (Regulation and Abolition) Act, 1970; Rules 1971.
- i) The Payment of Bonus Act, 1965.
- j) The Payment of Gratuity Act, 1972.
- k) The Equal Remuneration Act, 1976.
- l) The Employees State Insurance Act, 1948 & Employees State Insurance (Amendment) Act, 1989
- m) Child Labour (Prohibition and Regulation) Act, 1986.
- n) The Maternity Benefits Act 1961
- o) Interstate Migrant Workmen (Regulation of Employment & Conditions of Service) Act, 1979.
- p) Motor Vehicle Act, latest revision

1.21 Taxes and Duties:

The Contractor's offer shall be inclusive of all taxes and duties except GST which is payable extra at actuals by MPA. Income Tax and any other statutory taxes to be deducted at source, will be deducted by the MPA in accordance with the Income Tax Act and any other acts in force and in accordance with instructions issued by the Authorities on this behalf, from time to time. In case Government imposes any additional levies or taxes on this service during the contract period, the same will be reimbursed only on production of documentary evidence.

1.22 Other terms and conditions:

- i) All tools and tackles shall be arranged by the Contractor at their own cost.
- ii) The Bidders are advised to visit the site where all the water pumps are installed and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
- iii) The technical specification at Section II and Price Schedule (Bill of Quantities) at Section III to be read in conjunction to ensure the actual supply and works involved.
- iv) The Crane and electric power supply if required shall be provided by the Port on chargeable basis for execution of the work. However, the Contractor is free to take power supply from the other source by making their own arrangement with prior intimation to the Port Engineer.
- v) The contractor shall provide any other items which have not been specifically mentioned in the Price Schedule (Bill of Quantities), but which are found necessary for completion of the works without incurring any additional expenditure to the Port.
- vi) The Contractor shall pay the labour engaged by him for the work a fair wage, as may be fixed by the Labour Department of the State as per the applicable Minimum Wages Act. The payment shall be strictly made to the labour by the contractor through Bank Account.
- vii) Address for communication and submission of bid:
Executive Engineer (P&D),
Office of the Chief Mechanical Engineer,
2nd floor, A.O. Bldg.,
Mormugao Port Authority,
Headland Sada, Goa – 403804.
Phone: 0832 – 259 4227 / 4228.
Email: xenpnd.mgpt@gmail.com.
- viii) Further amendments if any, visit our website <https://www.mptgoa.gov.in/>

1.23 Debarment from bidding

- (i) A bidder shall be debarred if he has been convicted of an offence —
 - (a) Under the Prevention of Corruption Act, 1988; or
 - (b) The Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a service contract.
- (ii) A bidder debarred under sub-section (i) or any successor of the bidder shall not be eligible to participate in the Port tenders for a period of three years commencing from the date of debarment.
- (iii) Port may debar a bidder or any of its successors, from participating in any tenders undertaken by it, for a period two years, if it determines that the bidder has breached the Code of Integrity.

**EXECUTIVE ENGINEER (P&D)
MORMUGAO PORT AUTHORITY**

SECTION – II

SCOPE OF WORK

1. GENERAL :

Mormugao Port Authority (MPA) intends to carryout major breakdown repair works on various capacity of water pumps installed in and around Port for a period of one (1) year. However, the contract may be renewed for a further period of one (1) year at the same rates, terms and conditions, with mutual consent.

- 1.1 These pumps are mainly used for pumping the water received from PWD and Sump/wells located within the vicinity of the Port for use of residential colony for drinking, tanker filling, supplying to the tugs and to control the dust at B.No.10 & 11 etc.
- 1.2 The details of Pumps with Capacity, Models, Make & Location is detailed at ANNEXURE – II.

2. SCOPE OF WORK :

- (i) In case of breakdown of any pump, Contractor will be intimated telephonically to take up the repairs of pumps.
- (ii) On receipt of such intimation, contractor shall depute his personnel at pump site within 6 hrs. from the time telephonic intimation by the Port representative for dismantling of the pump and to assess the spares required in presence of Port representative for making the pump ready in all respect.
- (iii) The Port Engineer shall thereafter give in writing the details of the repairs to be carried out to the failed pump and list out the spares required to be replaced to put the pump back into operation.
- (iv) The contractor shall replace all the defective / worn out spares parts in concurrence with Port's Representative other than the parts listed at ANNEXURE – I. The works shall be carried out by the contractor as per the direction of Port representative.
- (v) Spare parts listed at ANNEXURE – I will be supplied by the Port as may be required for successful commissioning of pump.
- (vi) After necessary repair/ overhauling and assembling of the pump, the same shall be transported back to its original operational locations at Port. Installation and commissioning of the pump at its operational location shall be done by the contractor in the presence of the MPA officials for successful trials.
- (vii) The pump shall be repaired by the contractor within 24 hrs. after handing over of the failed pumps and receipt of written direction of Port's representative or on receipt of spares parts listed at ANNEXURE – I.
- (viii) Total installed quantity of the pumps along with their locations, capacity model no., make etc. covered under this contract is indicated at ANNEXURE – II
- (ix) The contractor shall maintain a register for breakdown/repair indicating details such as time of breakdown, time of completion, etc. for each pump and shall be certified by Port representative after the completion of breakdown work.

3. DAMAGE CHARGES FOR NON-COMPLIANCES FOR DELAY OF REPAIR WORKS :

- (i) The failed pumps are to be repaired / rectified by the contractor within 24 hrs. from the time of written intimation/letter, failing which an amount Rs.1000/- per day will be deducted/recovered with a maximum limit of 50% of the quoted price of the individual breakdown pumps.
- (ii) Forfeiture shall cease if the spares required for repairs of the subject pumps are not readily available/are to be supplied by the Port.

4. PERIOD OF CONTRACT:

The rates accepted by the Port shall be fixed and effective for a contract period of one (1) year from the date of receipt of acceptance of LOA/Purchase order. However, the contract may be renewed for a further period of one (1) year at the same rates, terms and conditions, with mutual consent.

5. OTHER CONDITIONS.

- (i) The contractor may visit the site to determine the full scope of work under this contract and the working conditions before bidding and ensure prompt and satisfactory work.
- (ii) **The rates quoted at PRICE SCHEDULE shall be inclusive of dismantling of the pump, shifting the pump to & fro from the operational location, repairs, replacement of all other spares required for successful commissioning of pump but not listed out at ANNEXURE – I.**
- (iii) The contractor shall utilize his own transport without incurring any expenditure to the Port.
- (iv) The list is only indicative and does not guarantee that all these pumps will come for repairs.
- (v) The contractor has to maintain a close liaison with the concerned Port Engineer (Executive Engineer (M)/ MMS Section, Baina) and ensure that the work is attended as per site requirements and in accordance with relevant statutory and safety.
- (vi) The entire work of repairs and spares replaced (other than the Annexure – I) shall be guaranteed for Six months from the date of successful trials of the repaired pumps. If the pump fails within the guarantee period of six months due to wrong workmanship / defective spares, the same shall be replaced / repaired free of cost by the contractor.
- (vii) **WORKING HOURS:** office normal working hours is between 07:50 and 17:00 Mondays to Fridays and Saturday till 13.00hrs. The pumping operation is being done on a 24 hour basis, seven days a week (24X7). The Contractor will be intimated any time of the week in case of any breakdowns of pump.
- (viii) **PROTECTION OF EXISTING STRUCTURES AND SERVICES:** The Contractor will be held responsible for any damage to existing structures and surfacing caused by the Contractor during the execution of the contract. Any damages taking place to equipment due to negligence of contractor will have to be rectified/repared by contractor at his own cost.

**EXECUTIVE ENGINEER (P & D)
MORMUGAO PORT AUTHORITY**

LIST OF SPARES TO BE SUPPLIED BY THE PORT

1. Spare parts for centrifugal pumps model DSM65/20, DSM50/20, DSM65/32A & NADL-54 (4UP3) to be supplied by Port.

Sr. No.	Description
1	Casing Half Upper
2	Casing Half Lower
3	Impeller, 1st stage
4	Impeller, 2nd stage
5	Pump Shaft
6	Shaft sleeve, DE/NDE

2. Spare parts for centrifugal pump model for DB65/20 to be supplied by Port.

Sr. No.	Description
1	Pump Casing
2	Impeller
3	Pump shaft
4	Bearing Housing
5	Support foot

3. Spare parts for Monoblock pumps model KDS-2050+, KDS 1030++ and KDS 85 to be supplied by Port

Sr. No.	Description
1	Delivery casing
2	Impeller
3	Mounting casing
4	Stud (Delivery Casing and Suction flange)
5	Stud (Delivery Casing and Mounting Casing)
6	External fan
7	Stator Fitted Motor body
8	Rotor Fitted Shaft

4. Spare parts for Monoblock pump model SP-3L +M to be supplied by Port.

Sr. No.	Description
1	Impeller
2	Delivery casing
3	Shaft
4	Shaft Sleeve

Details of Pumps with Capacity, Models, Make & Location

Sr. No.	Capacity	Pump Model	Pump type	Make	No. of pumps	Location of pumps	Source of water	Purpose of pumps
1.	60 HP	DSM 65/20	Horizontal split casing type, two stage	Kirloskar	2	MM Complex	From Sump well	Sump water pumped to old power house ground tank near IOC building/Gate no.9 Vasco.
2.	40 HP	DSM 50/20	Horizontal split casing type, two stage	Kirloskar	3	Old Power House near Gate no.9 IOC building	From MM Complex at Baina (Sump well)	Water pumped ground tank to overhead tank and by gravity water supplied to various locations inside the Port operation areas.
3.	30 HP	DSM 65/32 A	Horizontal split casing type, two stage	Kirloskar	3	Steamer Tank Midland near Sada bus stand	From 1) PWD 2) Jetty well	Water pumped to overhead, surface tank and underground tanks located at Headland Reservoir behind the Deepvihar Primary School Sr.no.1 above
4.	30 HP	NADL/54 (4UP3)	Horizontal split casing type, two stage	Crompton Greeves	3	Surface Tank behind new hospital	From PWD	For New MPA hospital. There is also option to pump this water to Sr.No.1 location.
5.	30 HP	DB 65/20	Horizontal shaft type, single stage, single suction	Kirloskar	2	Jetty well near Fire Station	From sump well	1) Water pumped to Steamer Tank Midland near Sada bus stand Sr.2 above. 2) It has a tanker filling point where the tankers are brought and filled and supplied to the area where there is shortage of water supply.
6.	20 HP	KDS 2050++	Monoblock	Kirloskar	2	Headland Reservoir (Surface tank-Overhead tank)	From steamer tank midland near Sada bus stand	Water from surface/ underground tank pumped to overhead tanks and by gravity water is supplied to the residential colony at Sada
7.	20 HP	KDS 2050++	Monoblock	Kirloskar	2	Headland Reservoir (Surface tank-Underground tank)	From steamer tank midland near Sada bus stand	Water from surface/ underground tank pumped to overhead tanks and by gravity water is supplied to the residential colony at Sada.

Sr. No.	Capacity	Pump Model	Pump type	Make	No. of pumps	Location of pumps	Source of water	Purpose of pumps
8.	20 HP	KDS 2050++	Monoblock	Kirloskar	2	STP Station near Japanese garden "A" Type	Wastewater from residential colony	Final treated sewage water is pumped to JSW & Garden located at Colony
9.	10 HP	KDS 1030++	Monoblock	Kirloskar	2	Headland Reservoir filter plant. (Raw water filtered and then supplied to overhead tank)	From Bore well located at various points at Port Colony Sada	Water from surface/ underground tank pumped to overhead tanks and by gravity water is supplied to the residential colony at Sada
10.	10 HP	KDS 1030++	Monoblock	Kirloskar	2	Bogda residential colony	From PWD & Bore well	Water pumped only for Bogda residency colony only. During non-supply of PWD water, filled tanker from Jetty well brought and supplied tank and then pumped to colony.
11.	10 HP	KDS 1030++	Monoblock	Kirloskar	1	Destero residential colony near El-Mont	From PWD	Water pumped only for Destero residency colony only.
12.	7.5 HP	KDS 852++	Monoblock	Kirloskar	2	Baina residential colony	From PWD	Water pumped only for Baina residency colony only.
13.	7.5 HP	KDS 852++	Monoblock	Kirloskar	2	New A. O Building Headland Sada	From well	For Gardening
14.	5 HP	SP-3L+M	Monoblock	Kirloskar	12	STP Station near Japanese garden "A"	Wastewater from residential colony	Installed at equalization tank
15.	5 HP		Monoblock	Kirloskar	2	STP Station near MPA Hospital	Wastewater from MPA Colony	Function is blow the air in the waste collection tank
16.	5 HP		Monoblock	Kirloskar	1	CISF Unit Colony	Surface Tank behind new hospital	Used to supply only for CISF Barracks

Sr. No.	Capacity	Pump Model	Pump type	Make	No. of pumps	Location of pumps	Source of water	Purpose of pumps
17.	3 HP		Monoblock	Kirloskar	1	STP Station near Japanese garden "A" Type	Wastewater from residential colony	Used for gardening within the STP plant
18.	3 HP		Monoblock	Kirloskar	3	STP Station near MPA Hospital	Wastewater from MPA Colony	Function is to lift the sludge water from collection tank to final tank
19	3 HP		Monoblock	Kirloskar	5	New A. O Building Headland Sada	From well	Used for drinking and washing, for fountain (located inside entrance of A.O building), used for fountain inside the compound near DCD Section.
20.	3 HP		Monoblock	Kirloskar	1	Old A.O Building open well	From sump well	Used to supply only for Old A.O Building.
21.	3 HP		Monoblock	Kirloskar	1	IOC Building near Gate No.9	Old power house	Used to supply only for IOC building.
22.	2 HP		Monoblock	Kirloskar	1	STP Station near MPA Hospital	Wastewater from MPA Colony	Water from Final tank pumped to use in the garden.
23.	2 HP		Monoblock	Kirloskar	1	Signal Station near "D" type Quarters	Headland Reservoir (Surface tank-Overhead tank)	Used to supply only for Signal station building.
24.	2 HP		Monoblock	Kirloskar	1	Port Guest House	Headland Reservoir (Surface tank-Overhead tank)	Used to supply only for Guest house and gardening
25.	1 HP		Monoblock	Kirloskar	1	New A. O Building Headland Sada	From well	Used for gardening outside A.O Building. Compound located on the way to church.

SECTION – III

PRICE SCHEDULE (BILL OF QUANTITIES – BOQ)

QUOTATION No. CME / PD / I / 2023

Name of Work: Annual Rate Contract (ARC) for major breakdown repair works of water pumps in and around Mormugao Port Authority

Sr. No	Item Description	Units	Rates per breakdown for pumps model listed below									
			DSM 65/20	DSM 50/20	DSM 65/32A	NADL – 54 (4UP3)	DB 65/20	KDS 2050+	KDS 1030++	KDS 852	SP 3L+M	Kirloskar Monoblock 3/2/1 HP
1.	Cost towards dismantling of the pump, repairs, replacement of all other spares required for successful commissioning of pump but not listed out at ANNEXURE – I, assembling and successful trials of the Pump.	Lump Sum										
2.	Total cost per breakdown											

Applicable GST (%) = _____

Signature:

Name:

Date:

Address:

Place:

Office Seal of firm

- Note:**
- Rates quoted shall be exclusive of GST
 - GST will be paid as extra as applicable.
 - Evaluation of price will be based on the lowest (L1) quoted price for each pump. The second bidder (L2) shall be kept in reserve and may be invited to match the bid submitted by the (L1) bidder in case such bidder withdraws or is not selected for any reason.

BANK DETAILS FOR ECS PAYMENT

1. Name of the Bank and Branch :
2. Account Number :
3. MICR Number :
4. Type of Account :
5. IFSC Number :
6. Copy of PAN Card :
7. TIN Number :
8. GST Regn. No.:
9. EPF No. :
10. ESI Regn. No.

Firm's Sign and Seal

Place:

Date:
