

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

Quotation no.: CME/XEN(E-P)/quotation/2023/08



आईएसओ 9001-2015,
आईएसओ 14001-2015 तथा
आईएसपीएस अनुपालक पत्तन

QUOTATION
FOR
“SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC)
OF SMOKE DETECTOR ALARM SYSTEM AT 33KV SUBSTATION”

Due at 11.00A.M on 27.07.2023

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

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in a sealed cover (**TWO COVERS – TECHNO-COMMERCIAL AND PRICE COVER**) from experienced firms duly superscribed as QUOTATION FOR “Supply, Installation, Testing and Commissioning (SITC) of Smoke detector alarm system at 33KV substation”.

Details about Quotation:

Quotation No.	CME/XEN(E-P)/quotation/2023/08
Name of Work	Supply, Installation, Testing and Commissioning (SITC) of Smoke detector alarm system at 33KV substation.
Completion Period	90 days from the date of issue of LOA (for SITC)
Estimated Cost (INR)	Rs.4,54,674/- (excl. of GST)
EMD	Rs.10,730/- (Rupees Ten Thousand Seven Hundred and Thirty only incl. of 18% GST) Bidder claiming exemption under MSE shall produce Udyam registration certificate as per Clause 1.2.A.2 of this document, alongwith Bid Security Declaration as per clause 1.2.B. Note: Bidders not providing EMD (producing exemption certificate) / Bid Security Declaration before due date and time shall be disqualified.
Cost of Quotation Document	Rs. 590/- (Rupees Five hundred and ninety only) (incl. of 18% GST). Non-refundable or exemption certificate as per Section-I, General Terms and Conditions, clause No 1.1. Note: Bidders not providing Quotation Document Cost (producing exemption certificate) before due date and time shall be disqualified.
Delay in commissioning of Equipments	0.5% per week or part thereof, of delay of contract value subject to a maximum of 5% of contract value, GST @ 18% applicable. Details at Section-I, General Terms and Conditions, clause No 1.10.
Security Deposit	10% of the contract value as per Section-I, General Terms & Conditions, clause No 1.7.
Payment terms	As indicated at Section-I, General Terms & Conditions, Clause 1.9. Contractor bank details to be furnished as per Appendix-I.
Bid Submission	As indicated at Section-I, General Terms & Conditions, clause no. 1.6.
Bid Validity	120 Days from the due date of submission of the quotation.
Date of submission	27.07.2023 till 11:00 Hrs.
Date of Opening	27.07.2023 at 11:30 Hrs
Address for communication and submission of bid:	Executive Engineer (E-P), Engineering Mechanical Dept., Mormugao Port Authority, Headland Sada, Goa – 403804.
Contact Details	Phone : 0832-2594243 ; Email : xenproj.mgpt@gmail.com
Website	https://www.mptgoa.gov.in/

EXECUTIVE ENGINEER (E-P)
MORMUGAO PORT AUTHORITY

SECTION – I

1.0. GENERAL TERMS AND CONDITIONS

1.1. Cost of the Quotation Document:

1.1.1. The Bidder is required to furnish Document cost of Rs.590/- (Rupees Five Hundred and Ninety only) (incl. of 18% GST) in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPA, payable at Vasco, Goa, to be submitted along with the Quotation. The Document cost is non-refundable.

1.1.2. 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.A. Earnest Money Deposit:

1.2.A.1. The Bidder shall furnish an EMD of Rs.10,730/- (Rupees Ten Thousand Seven Hundred and Thirty only incl. of 18% GST), without EMD (except in case of Clause 1.2.A.2.) the quotation shall be treated invalid. The E.M.D. shall be submitted in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPA, payable at Vasco, Goa.

1.2.A.2. 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 EMD on producing self-attested valid supporting certificates issued by the governing body.

1.2.A.3. In the event of Bidder withdrawing his Bid before the expiry of bid validity period of 120 days from the date of opening of Price Bid, the Bid (Quotation) submitted by the Bidder shall be cancelled and EMD shall be forfeited.

1.2.A.4. The Earnest Money Deposit of unsuccessful Bidders shall be returned on award of Contract to the successful Bidder. No interest shall be payable on the amount of E.M.D in any case. The Earnest Money Deposit of the successful Bidder shall be refunded only on receipt of Security Deposit as stipulated in the Quotation enquiry.

1.2.A.5 In addition to above, the EMD shall be forfeited by the Port in the following events:

- i.) If the Bid is withdrawn or varied or modified in a manner not acceptable to Port during the validity or extended validity period as agreed by the Bidder.
- ii.) If the Bidder tries to influence the Bid evaluation, bid comparison or contract award decision.
- iii.) In case the Bidder, submits false certificate in terms of any documents supported to the Quotation / Enquiry.
- iv.) In case the bidder is found to indulge in corrupt or fraudulent practices at any stage including the execution of the contract.
- v.) In case the Contractor abandons the work.

1.2.B. Bid Security Declaration:

- 1.2. B.1. The Bidder, is required to submit the Bid security declaration as attached at Annexure-1. The Bid not accompanied with Bid security declaration shall be summarily rejected.
- 1.2.B.2. In the event of levying the penalty and/ or encashing of the Performance Security, GST is applicable and while imposing penalty GST as applicable shall be collected.
- 1.2.B.3. The bidder shall be disqualified/terminated and may be debarred for a period of three (3) years from participating for tenders at Mormugao Port Authority duly informing the MSE authorities if applicable, if
- i. the Bidder withdraws the Bid after Bid opening during the period of Bid Validity;
 - ii. the successful Bidder fails within the specified time limit to
 - a) Fail to commence the work on the specified date as per LOA/Work order.
 - b) If the bid is varied or modified in a manner not acceptable to the Employer during the validity or extended validity period duly agreed by the Bidder.
 - c) If any information or representation submitted by Bidder is found to be false or incorrect.
 - d) Any effort by the Bidder to influence the Employer on bid evaluation, bid comparison or contract award decision.

1.3.1. Minimum Eligibility Criteria:

1.3.1.1. Financial Eligibility Criteria:

The Bidder should have an Average Annual financial turnover of at least Rs.1,36,402.00 for the three financial years ie 2019-20, 2020-21, 2021-22.

In case of Micro and Small Enterprises / Start-ups, the Average Annual Financial Turnover shall be at least Rs.68,201.00 subject to production of certificate issued by MSME authorities / DPIIT.

Note: Documentary evidence duly certified by CA with UDIN No. viz – auditor's certificates / balance sheet /profit and loss statement for the three years ie 2019-20, 2020-21, 2021-22 OR Annual Turnover statement for the three years ie 2019-20, 2020-21, 2021-22 certified by CA with UDIN No. shall be submitted alongwith the Bid.

1.3.1.2. Technical Eligibility Criteria:

- a.) The Bidder shall have successfully completed 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.1,81,870.00 (excl. of GST)
OR
Two similar completed works each costing not less than Rs.2,27,337.00 (excl. of GST)
OR
One similar completed works each costing not less than Rs.3,63,739.00 (excl. of GST)

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.

- b.) The Bidder shall furnish valid (active status) GST registration, EPF and ESI registration (APPENDIX-II to be filled).

Note: **Similar works means** "Supply, installation, testing and commissioning of Smoke Detector Alarm System at Central Govt. / State Govt. / Port Sector / PSU or any reputed organization".

1.4. Evaluation of the Bid:

1.4.1. An offer shall be considered responsive and for evaluation if:-

- (i) it is accompanied by requisite cost of quotation document and EMD or exemption certificate as per clause 1.2.A.2 with Bid Security Declaration as at clause 1.2.B.
- (ii) the validity of the offer is same as stipulated in the quotation document,
- (iii) it meets the Minimum Eligibility Criteria and have furnished work order copy, work completion certificate copy and other documentation as indicated at clause 1.3.1.
- (vi) The Bid is received by Port by due date and time of submission including any extension thereof.

1.4.2. 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**.

1.4.3. **Evaluation** will be done on Basic Price (Total of price in the Price Schedule (BOQ)) and lowest offer shall be considered among all Bidders for award of work. The rates offered shall be exclusive of GST. If any new tax imposed by the State/Central Govt., same shall be reimbursed by producing documentary proof. In case the rates quoted in figures and words are not identical, then rates entered in words shall be deemed as the price quoted for the item in question.

1.5. Bid Validity:

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

1.6. Submission of Quotation

1.6.1. The sealed envelope containing (i.) EMD / MSE Registration certificate & Bid Security Declaration, work order; completion certificate, TDS certificate should be superscribed as 'Quotation for "Supply, Installation, Testing and Commissioning (SITC) of Smoke detector alarm system at 33KV substation", alongwith (ii.) another sealed envelope superscribed as 'PRICE COVER', containing the duly filled price schedule and shall be dropped before the due date and time in the TENDER BOX located on second floor of the Port's Administrative Bldg. Mechanical Engineering Department at Headland Sada.

1.6.2. 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.

1.6.3. The Bidder shall be allowed to be present during the opening of the quotation.

1.7. Security Deposit:

I. for **SITC works** --- An amount equivalent to 10% of the contract (SITC) value shall be deducted from the invoice generated by the Contractor and withheld as Security Deposit.

The same will be refunded to the contractor after one year from the date of satisfactory completion of work and acceptance by Port.

II. for **Comprehensive annual maintenance contract (CAMC)** --- Security deposit shall consist of two parts:

a) The DD or Bank Guarantee equivalent to 5% of the CAMC value of the First year rounded off to nearest 100 rupees, shall be submitted within 30 days of issue of Letter of Acceptance following submission of which only performance guarantee will be refunded

b) The balance 5% shall be recovered as Retention Money from the running bills.

Thereafter, the total of 10% (DD 5% and 5 % Retention money) shall be refunded on successful completion of First year of AMC and on submission of fresh DD or BG equivalent to 5% of the CAMC value of second year rounded off to nearest 100 rupees as Performance Guarantee for second year. The balance 5% shall be recovered as Retention Money from the running bills for the Second year.

The same procedure will be repeated for the third year of AMC.

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. Completion Period:

The entire SITC work shall be completed within **90 days** from date of issue of Letter of Acceptance (LOA).

1.9. Payment Terms:

i.) For SITC --- 100% payment after satisfactory completion of the works.

ii) For CAMC --- 100% payment shall be released on QUARTERLY BASIS. However, the Contractor shall submit the complete report / relevant documents alongwith the bill.

The payment will be released within 15 days from the date of receipt of undisputed bills in duplicate and with all other supporting documents (IT returns for last two years).

The contractor shall furnish their bank account details alongwith other details as per Appendix-I and copy of the PAN card and GST Registration. The payment will be made in ECS mode.

1.10. Delay in commissioning of equipment's:

In the event of failure by the contractor to complete the execution of the work within the time stipulated in the contract or by the expiry of any period of extension granted by the Board's terms thereof, the contractor shall pay the Board as 'delay in commissioning of equipments' for delay to complete the work, a sum of 0.5% per week or part thereof of contract value subject to a maximum of 5% of contract value and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor. The GST @18% on the amount will be deducted at the time of making payment to Vendors/Contractors.

1.11. EPF/ESI: Applicability of EPF and ESI Act. (Applicable in-case of manning)

The Bidder / Contractor shall ensure strict compliance of the labour laws including those under the Employees State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provisions Act, 1952 and rules and regulations framed therein.

The Bidder / Contractor shall ensure that the statutory contribution towards the Employee State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provision Act, 1952 in respect of the employees engaged by him are deposited with the authority concerned and a proof having deposited the contribution should be produced at the office of CME by 10th of the succeeding month in which the payment was due.

In the event any Bidder raises a dispute that he is not covered under the provisions of Employees State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provision Act, 1952 such Bidder should obtain Certificate from the Competent Authority of EPF under these Acts and produce the same documentary evidence at the office of the Chief Mechanical Engineer.

The amount recovered if any, as statutory dues in respect of the Employees Provident Fund and Miscellaneous Provisions Act, 1952 and the Employees State Insurance Act, 1948 shall be released only after producing documentary evidence / no dues certificate from the authorities under these Acts.

1.12. Security & Safety Requirements: (as applicable)

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.

1.13. Gate Pass:

Necessary RFID entry passes shall be obtained by the Contractor at their own cost with the approval of Port Officials for entry into Port area. The same can be obtained online from our website www.mptgoa.gov.in.

1.14. Injury/Damage to persons and property:

- i.) 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.
- ii.) 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.

1.15. 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.

1.16. Personal Protective Equipment's:

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.

1.17. Foreclosure of Contract

Notwithstanding anything in the contract document, the contractor agrees that the Port shall be entitled to foreclose the contract on occurrence of the following events:

- i. In the event of breach of contract by the Contractor
- ii. An emergency or
- iii. for national security and /or national interest and /or public reasons.

Upon the occurrence of the events specified in the above (i),(ii) and (iii)above, the Port reserves the right to fore close the contract at any point of time during the contract period on the issue of the termination notice. The Port shall not be liable to compensate the contractor or any other person for any losses or estimated loss of profits during such period.

1.18. Work not to sublet:

The contract shall not be assigned or sublet.

1.19. Indemnification: (if applicable)

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

1.20. Taxes:

The contractor shall be registered under GST and shall furnish documentary evidence in support of valid GST registration.

The Contractor shall remit the GST amount in the invoice to the Government within the due dates and also file the returns by mentioning the GSTIN of the Mormugao Port Authority (MPA) (formerly Mormugao Port Trust) to enable Port to avail eligible Input Tax Credit (ITC). The Contractor shall indemnify MPA from any loss of eligible ITC of GST paid by it to the Contractor based on their tax invoice, due to non-payment of GST or non-filing of GST returns by the Contractor or non-compliance of GST Act/provisions. The Contractor shall remit such GST amount with applicable interest and penalties to the MPA within 7 days from the date of intimation by MPA about non-availing of eligible ITC. MPA also reserves its right to deduct such GST amount with interest and penalties from the subsequent bills, Security Deposit or any amount due to the contractor by MPA.

1.21. DEFAULT OF THE CONTRACTOR

If the Contractor makes any default or on the happenings of anyone or more of the following events that is to say;

- a. If the Contractor without reasonable cause abandons the Contract or
- b. Suspends the carrying out of the Works for a reasonable time after receiving written notice from the MPA without any lawful excuse or fails to make proper progress with Works after receiving written notice from the Engineer or
- c. Fails to proceed diligently with the work or
- d. Fails to give the MPA proper facilities for inspection of the Works of any part thereof for three days after receiving notice in writing by the MPA demanding the same or
- e. The Contractor has become insolvent or
- f. The Contractor has gone into liquidation or passes the resolution for winding up or
- g. Upon the Contractor making an arrangement with or assignment in favour of his creditor or
- h. Upon his assigning this contract or
- i. Upon an execution being levied upon the Contractor's good or
- j. Upon winding up order being passed by the court or a Receiver or manager is appointed in respect of any of the property of the Contractor or
- k. Possession is taken by or on behalf of any holder of any debentures secured by floating charges of any of the property of the Contractor or
- l. Fails to complete all or any part of the Works during the time specified for completion of the Contract or such extended time as may be granted by the MPA.

1.22. TERMINATION OF THE CONTRACT

1. In the event of repeated instances of unsatisfactory service or any failure at any time on the part of the contractor to comply with the terms and provisions of this contract to the

satisfaction of MPA (who shall be the sole judge and whose decision shall be final), it shall also be open to MPA to terminate this contract by giving not less than Ninety (90) days' notice in writing to that effect and if the contractor, does not make good his default within the notice period, MPA shall be entitled to terminate the contract as a whole or in part duly informing MSME if applicable. In the event of such termination of the contract, MPA shall be entitled to:

- (i.) encash the Performance Guarantee as it may consider fit;
 - (ii.) get the balance/remaining work done by making alternative arrangements as deemed necessary and until such time MPA is able to appoint a new regular Contractor; and recover from the contractor (appointed under this tender) any extra expenditure incurred by MPA in getting the work done and damages which MPA may sustain as a consequence of such action.
1. If the extra expenditure incurred by MPA on account of unsatisfactory performance of the contractor as mentioned in paragraphs above is more than the Performance Security proposed to be encashed, the expenditure over and in excess of the Performance Security may be recovered by deducting the said amount from pending bills of the contractor under this tender or from money due to the contractor by MPA under this or any other contract or otherwise. The contractor shall have no claim whatsoever against MPA, in consequence on such recoveries or termination of the contract, as stated above.
 2. if at any time the contractor becomes insolvent or files an application for insolvency or any creditor of his moves the court for adjudicating him as an insolvent or, if he is convicted by any court of law, withdraws from the contract, MPA will have the absolute option of terminating the contract forthwith and he shall have no right for damages or compensations on this account.

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 not exceeding 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 not exceeding two years, if it determines that the bidder has breached the Code of Integrity.
- (iv) In the event of premature termination of contract in terms of provisions of clause 1.21 & 1.22 above, MPA shall also be entitled to debar the Contractor for participation in future tenders of MPA for a period of three (03) years.

1.24. INSURANCE :

The successful bidder shall be responsible for insurance of all the equipment installed by vendor for risk coverage (accidental hazards, material breakage due to negligence,

theft, storm, fire or any other hazards which may occur due to trespassing of vehicles & /or natural adverse climatic conditions and calamities-War, Fire, Cyclone, salinity problems at shore etc) and for manpower (incase of CAMC). The Contractor shall effect and maintain the policy at no cost to MPA, during operation period with an Indian Insurance Company approved by Insurance Regulatory Development Authority of India (IRDA). **Copy of the same shall be submitted to Port.**

The policy will be on claim made basis with retroactive date from the date of commencement of the contract and shall be valid throughout the tenure of the contract period (including defect liability period) and be also valid during the extended period if any.

Other terms and conditions: (as applicable)

- i) All tools and tackles shall be arranged by the Contractor at their own cost.
- ii) **The Bidders are advised to visit the site 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 shall be provided by the Port on chargeable basis for execution of the work.
- 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:
 - 1.) Executive Engineer (E-P)
2nd floor A.O. Bldg, Headland Sada, Engineering Mechanical Dept., Mormugao Port Authority, Mormugao, Goa – 403804.
Phone: 0832-2594243.
- xi) Further amendments if any, visit our website <https://www.mptgoa.gov.in/>

**EXECUTIVE ENGINEER (E-P)
MORMUGAO PORT AUTHORITY**

SECTION-II
TECHNICAL SPECIFICATION

1. GENERAL:

Mormugao Port Authority intends to carry out work of Supply, Installation, Testing and Commissioning (SITC) of Smoke detector Alarm system at 33KV substation as per the details given below.

2. SCOPE OF WORK

Part-A: SITC

2.A.1. Brief scope of work

- i. SITC of microprocessor based intelligent analogue addressable fire alarm control panel (FACP).
- ii. SITC of 20 nos of smoke detectors including mounting base with automatic dual LED type having two integrated light scattering smoke sensors with different colors/wavelengths, to avoid false alarm and the same are to be integrated with the microprocessor based FACP.
- iii. Since, the roof height of substation is high, all the smoke detectors should be fixed above the panels/transformers at 33KV substation by fabricating and mounting MS Channels/Angles with necessary hardware's and painting wherever necessary.
- iv. SITC of 2 nos new detector base sounders having different tone variants selection options & adjustable sound pressure levels more than 80 db with flasher.
- v. SITC of 4 nos., addressable Manual Break glass unit with necessary fixing arrangement and same are to be integrated with the microprocessor based FACP
- vi. The CAMC (quarterly) shall be for a period of 3 years after the expiry of the guarantee period of 1 year.

2.A.2. Technical Specifications

1. **Fire Alarm Control Panel (FACP):** Fire Alarm Control Panel should be Microprocessor based intelligent and electronically addressable, modular, networkable with two Ethernet Networking Cards, 1 - loops Panel (expandable up to 32 loops) with Loop length up to 1.5 KM. Fire alarm control panel with 5.7 inch touch screen LCD display, multiple access levels, 10,000 event history logs in the nonvolatile memory (EEPROM). The panel should be modular microprocessor based in nature. The panel shall have redundant controller, power supply & cabinet. The panel shall have 240V AC power supply, Automatic battery charger, 12VDC, 24AH, 2 batteries sealed lead acid maintenance free batteries sufficient for 24 hours normal working and then be capable of operating the system for 30 mins during emergency condition. The panel shall be EN54 / Vds Certification.
2. **Smoke Detector:** addressable– Automatic Dual LED smoke detector with two integrated light-scattering smoke sensors using LEDs with different colors/wavelengths (blue/infrared) to avoid false alarm & should comply to Test Fire 1, including mounting base with LED... etc. complete as required, Each Detector should have 2 Isolators (one for incoming and one for outgoing line) integrated in detector for maintaining operational availability of all elements in the loop, even in the event of a short circuit & Drift Compensation feature & Automatic addressing. High resistance to electromagnetic effects. Including Junction Box, Cable glands, screw raval plugs etc complete shall be EN54/ VD's/ UL certification.
3. **Powered detector Based Sounder:** Standalone Loop Powered detector base sounder with Inbuilt Isolator with different tone variants selection options & adjustable sound pressure by 5

levels, the sound pressure shall be minimum 80 dB with flasher having Synchronized flash rate of 1 Hz and Light intensity > 2 cd, should be programmed from the panel. Including Junction Box, Cable glands, screw raval plugs etc complete shall be EN54 / VD's/UL Certification.

4. **Manual break glass unit:** addressable manual break glass unit (Double action) with Inbuilt Isolators with flexible network structures & necessary fixing arrangements with key complete as required. Including Junction Box, Cable glands, screw raval plugs etc., complete shall be EN 54 / VD's/UL Certification.
5. **Cable:** 2 core x 1.5 sq. mm zero halogen low smoke (FRLS) fire survival cable conforming to BS-6387 CWZ, LPCB certified complete.

2.A.3. MANUALS, DRAWINGS AND GUARANTEE:

On completion of the work, the Contractor shall supply 3 sets of operation and maintenance manuals after commissioning. The soft copy of substation drawing indicating locations of each fire system equipment with principal details, Schematic electric, electronic and programmable controller details and any other special feature which the bidder wishes to highlight.

The installation shall be guaranteed for 12 months from the date of acceptance and free maintenance shall be done during the guarantee period.

Part-B : COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT:

2.B.1. CONTRACT PERIOD: The Comprehensive AMC order will be issued after Successful completion of the One year Guarantee period. Based on the performance of the First year Annual maintenance Contract, the AMC order will be renewed each year for Three years as per the price quoted by the Tenderer. During AMC, the contractor has to replace all the spares which are required, free of cost.

2.B.2. GENERAL FEATURES OF COMPREHENSIVE MAINTENANCE CONTRACT:

- i.) The tenderer shall provide one-year guarantee for the entire system and shall quote for the comprehensive AMC of three years duration which will be executed after expiry of guarantee period, as per the price bid.
- ii.) During warranty and AMC period if any of the equipment supplied by the Tenderer are found defective /Damaged, same has to be replaced by the Tenderer at their cost. Therefore Bidders shall access the environmental conditions, in respect to the supply of quality of equipment's and workman ship so as to ensure continual stability in running of system successfully.
- iii.) During warranty and AMC period each of the units of the fire alarm system shall be serviced quarterly i.e., four times in a year. The service reports shall be submitted to the Engineer in Charge. The service/ breakdown report must be submitted each time to the Engineer in Charge. Gap between two consecutive servicing should not exceed 3 months. The contractor has to attend all breakdowns if any, on call basis.
- iv.) At the end of the first year, the performance of the contractor shall be reviewed and in the event that it is found unsatisfactory, The BOARD reserves the right to terminate the contract.

The cost of AMC for the period of 3 years will be considered while evaluating the price bid.

Note: Quotation without quote for CAMC will be treated as INCOMPLETE and shall be summarily rejected..

2.B.3. SCOPE OF WORK (CAMC)

The Tenderer should enter into Comprehensive Annual maintenance contract for a period of Three years, 15 days prior to the completion of guarantee period. The Tenderer shall quote for maintaining the entire system offered for a period of Three years including replacing of spares after the guarantee period.

- a. Preventive and breakdown maintenance should be carried out to maintain the Fire Alarm System in healthy operating condition.
- b. Preventive maintenance shall be carried out strictly in four equal intervals of time per annum.
- c. The contractor should conduct mock-up trial of fire alarm system by producing smoke near any randomly selected smoke detector. The Mock up trial has to be carried out during every maintenance schedule.
- d. Attending to all emergency breakdown calls even on Sundays or Holidays.
- e. Providing Telephonic support service in case of need.

2.B.4. DAMAGE CHARGES FOR NON-COMPLIANCES (FOR CAMC)

The contractor should strictly ensure that Fire Alarm System maintained in good working condition. If found not working/under break down for more than 48 hrs. a penalty of Rs. 1000 per day, will be recovered from the monthly bill, till the system is set right.

At the end of the first year, the performance of the contractor will be reviewed and in the event that it is found unsatisfactory, the BOARD reserves the right to terminate the contract.

3. GUARANTEE:

The Guarantee period shall be one year from the date of taking over of the work. The repair/replacement shall be carried out in mutual consultation with the Engineer In-charge.

4. Special Terms And Condition:

- i. The contractor is advised to visit MPA site at his own cost before quoting.
- ii. The work shall be carried out as per the site condition and as directed by the Engineer in Charge.
- iii. The price quoted should be inclusive of all expenses.
- iv. Free Electric Power in A.C., three/ single phase, 440 V, 50 cycles will be provided for welding and execution of the contract work subject to availability. However, contractor shall arrange all cabling switch gears, etc. for power supply to his equipment at his own arrangement by their expenses for execution of contract works.

**EXECUTIVE ENGINEER (E-P)
MORMUGAO PORT AUTHORITY**

SECTION-III

PRICE SCHEDULE (BILL OF QUANTITIES – BOQ)

Name of the Work: "Supply, Installation, Testing and Commissioning (SITC) of Smoke detector alarm system at 33KV substation."

Quotation No.: CME/XEN(E-P)/quotation/2023/08

PART-A

Sr. No.	Description of work	HSN / SAC Code	Unit	Qty	Rate Per Unit (Rs)		Applicable GST (%)	Amount (Rs)
					In Fig	In words		
A	B	C	D	E	F	G	H	I=EXF
1	Providing and fixing of. Microprocessor based Fire alarm control panel as per the technical specifications.							
	Supply		No	1				
	Installation		No	1				
2	Providing and fixing of Dual LED smoke detector as per the technical specifications.							
	Supply		No	20				
	Installation		No	20				
3	Supply, erection and fabrication of MS channel/Angle with necessary hardware's and painting on top of panels/transformers for fixing the smoke detector as per requirement.		mtr	80				
4	Providing and fixing of Powered detector base sounder as per the technical specifications.							
	Supply		No	2				
	Installation		No	2				
5	Providing and fixing of manual break glass unit as per the technical specifications.							
	Supply		No	4				
	Installation		No	4				
6	Providing and fixing of cable as per the technical specifications.							
	Supply		mtr	300				
	Installation		mtr	300				
Sub-Total PART 'A'								

Sub- Total 'PART-A' (In Words) Rupees _____

_____ only.

PART-B

Comprehensive Annual Maintenance Contract (CAMC).

Sr. No.	Description of work	HSN / SAC Code	Unit	Qty	Rate Per Unit (Rs)		Applicable GST (%)	Amount (Rs)
					In Fig	In words		
A	B	C	D	E	F	G	H	I=EXF
1.	Comprehensive Annual Maintenance of Fire Alarm System for 33KV substation							
1.	1st year CAMC (after completion of one year guarantee period)		LS	1				
2.	2nd year CAMC		LS	1				
3.	3rd year CAMC		LS	1				
							Sub-Total PART 'B'	
							TOTAL (A+B)	

TOTAL (In Words) Rupees _____

_____ only.

Date:

Place:

Signature:

Name:

Address:

Office Seal of firm

- Note:** 1. The rates quoted shall be inclusive of transportation etc. but exclusive of GST. Applicable GST shall be paid extra as applicable.
2. Evaluation will be done on Basic Price (Total of price in the Price Schedule (BOQ)) and shall be considered lowest among all Bidders for award of work subject to approval by Competent Authority.
3. **Quotation without quote for CAMC will be treated as INCOMPLETE and shall be summarily rejected.**
4. The rates in figures and words should be the same, any discrepancies observed, the rate indicated in words shall be considered for evaluation. Also, any discrepancy noticed while calculating amount or summing up the total, the value indicated in words shall be considered for evaluation.

BID SECURITY DECLARATION FORM

Date: _____ Quotation No. CME/XEN(E-P)/quotation/2023/08

To,

The Executive Engineer (E-P),
MPA, Headland Sada Vasco.

Sub : Quotation for “Supply, Installation, Testing and Commissioning (SITC) of Smoke detector alarm system at 33KV substation”.

I/We, the undersigned, declare that:

I/We understand that, according to tender conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with MPA for a period of three (3) year from the date of notification if I am /We

- a. are in a breach of any obligation under the bid conditions,
- b. made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements;
- c. If the bid is withdrawn or varied or modified in a manner not acceptable to the Employer during the validity or extended validity period duly agreed by the Bidder
- d. Any effort by the Bidder to influence the Employer on bid evaluation, bid comparison or contract award decision.
- e. Fail to commence the work on the specified date as per LOA/Work order and/or.
- f. sign the Agreement AND / OR furnish the required Performance security.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: _____ (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: _____ (insert complete name of person signing the Bid Securing Declaration) Duly authorized to sign the bid for an on behalf of _____(insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

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:

GST DETAILS FORM

Sr No	Particular	Mormugao Port Authority	Data Required from the Party
1	Customer Name as per GST Registration Certificate	Mormugao Port Authority	
2	Full Postal Address	Administrative Building, Headland Sada.	
3	City	Goa	
4	Pin code	403 804	
5	PAN	AAALM0293P	
6	Type of Person	Local Authority	Company/Firm/Individual /Trust/LLP/AOP
7	Resident/Non Resident as per Income Tax Act	Resident	
8	ARN No.	AA30617001663N	
9	GST No.	30AAALM0293P1ZY	
10	PPOB (Principal Place of Business) or APOB (Additional Place of Business)	PPOB	
11	Reason for Non Registration (Turnover Limit / Non Taxable Supply / Other Reason)	NA (Registered Under GST)	
12	Type of Customer (Manufacturer/Trader/Importer/Depot/Service Provider/Works Contractor/Principal/Consumer)	Service Provider	
13	Whether Falling under SEZ unit or Developer? (Yes or No)	No.	
14	Whether B2B or B2c (B= Business & C= Customer)	B2B	
15	Whether Opted for Composition Levy Scheme? (Yes or No)	No.	
16	Whether falling under casual taxable person as per Section 2(20) of CGST Act,2017 (yes or No)	No.	
17	Whether falling under Non Resident taxable	No.	

	person as per section 2(77) of CGST Act, 2017 ? (Yes or No)		
18	Central Excise Registration No.	--	
19	Service Tax Registration No.	AAALM0293PST001	
20	VAT - TIN	30181201096	
21	CST - TIN	V/CST/1683	
22	IEC	1706000073	
23	Contact Details :		
	Name	Shri.Anant Chodnekar	
	Designation	FA&CAO	
	Phone No.	0832-2521132	
	E-mail	facao@mptgoa.gov.in anant.chodnekar@mptgoa.gov.in	

I, Mr./Mrs. _____ (Proprietor/Partner/Director) of M/s _____ do certify that the information given above is complete and correct.

Place: _____

Signature

Date: _____

(Name: _____)