

MORMUGAO PORT TRUST MATERIALS MANAGEMENT DIVISION ENGINEERING (MECHANICAL) DEPARTMENT

e-TENDER No. MM/NS/CME/0378

e- TENDER FOR

Supply of 1000KVA Compact Substations as per Technical Specifications – 2 Nos.

THROUGH e-TENDER ON WEB SITE

www.eprocure.gov.in/cppp

Due at 11.30 hrs. on 09.03.2018



NOTICE INVITING ONLINE TENDER (NIOT)

Details about tender:

Tender inviting	MATERIALS MANAGER, MORMUGAO PORT TRUST					
e - Tender No.	MM/NS/CME/0378 due on 09.03.2018					
Name of Work	Supply of 1000KVA Compact Substations as per Technical Specifications – 2 Nos.					
Estimated Cost (INR)	Rs. 49.50 Lakhs					
Bidding Type	Open <u>(eTender Mode Only)</u>					
Tender Currency Settings	Indian Rupee (INR)					
Tender Cost	Nil Mode of Payment : e-Payment Only	-				
EMD Cost	Rs. 50,000=00	ļ				
Payment of EMD	The EMD shall be paid in e-payment mode only. For exemption of EM the Certificate from SSI/MSME/NSIC or any empowered Central/Sta Govt. Authority for OEM's, namely, ABB, Siemens and Schneider sh be submitted in electronic format (by scanning) while uploading the bid. Mode of Payment towards EMD to be paid online through e-Paymen mode before due date via: i. National Electronic Fund Transfer (NEFT) / Real-Time Gros Settlement RTGS). Tenderer requires download pre-printe Challan towards credit of ITG available on e-tender website and make its payment through any of their Bank. ii. Internet Payment Gateway (Debit/ Credit Card of type VISA MASTERCARD or RuPay. iii. Net Banking: Payment can be made through the Internet Bankin of Any Bank. Note: Any Payments made through NEFT/RTGS will take 24 hour for its reconciliation. Hence the payments through NEFT/RTG should be made at least TWO BANK WORKING DAYS in advantage before any due date and upload the scanned copy of challans in the Tender website as a token of payment.	ate hall hal hal hal hal hal hal hal hal ha				
Security Deposit	5% of the basic cost of the order to be furnished by Demand Draft or Bank Guarantee valid for 24 months (with another 3 months claim period) from the date of issue of Purchase Order. The Security Deposit					



ISPS CODE Compliant					
	amount/Bank Guarantee will be returned upon successful completion of the guarantee period.				
Validity Period of tender	120 days from the date of opening.				
Qualifying Criteria	PRE-QUALIFICATION CRITERIA / BIDDING CONDITION				
	i) The Tenderer should have authorized dealership in 'Similar Works' during last 7 years ending last day of month previous to the one in which tenders invited should be either of the following:-				
	 a) One similar completed work of contract value not less than Rs. 39.20 lakhs 				
	(or)				
	b) Two similar completed works of contract value not less than Rs. 29.40 lakhs each				
	(or)				
	c) Three similar completed works of contract value not less than Rs. 19.60 lakhs each				
	'SIMILAR' Works – means "Supply of 11KV and above Compact Substation".				
	Please Note: The Tenderers shall enclose supply order copies for similar works, successful completion certificates with performance from clients indicating the date of completion, value of work done, etc.				
Last Date & Time for Receipt of Bids	08/03/2018 @ 11.30 hrs.				
Bid Opening Date	Techno-commercial Bid (Cover-I) will be opened on 09/03/2018 @ 11.30 hrs . Date of opening of price bid shall be notified after scrutiny and evaluation of Techno-commercial Bid.				
Bid Validity	120 days from the last date fixed for receiving the tender.				
Online Documents required to be submitted by scanning	a. Copy of documents viz. Work Orders, Completion certificate with performance,b. Entire Tender document, each page and form duly signed and filled in.				
Address for	Materials Manager, A.O. Bldg., 2 nd floor,				
communication:	Mormugao Port Trust, Headland Sada, Mormugao, Goa - 403804				
Contact Details	For Tender related queries:				
	Phone: 0832-2594501; Email : <u>mm@mptgoa.com</u>				
	For e-Tendering related queries:				
	Mr. S. Vishvanathan, Materials Manager; Phone: 0832 2520222				
	Mr. S. M. Umarye, Sr. Dy. MM; Phone: 0832 2520220				



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	Mr. John De Cunha, AMM-II; Phone: 0832 2594514					
	Email: mptetender@gmail.com					
	www.eprocure.gov.in/cppp					
	For e-Tendering technical assistance contact:					
	Mr. Dilraj Velip; Phone – 094041 47853					
Website	www.eprocure.gov.in/cppp					

Format and Signing of Bid

The Price Bid to be submitted on-line shall be signed digitally by a person or persons duly authorized to sign on behalf of the Bidders.

The Bid shall contain no alterations additions, except those to comply with instructions issued by the Port.



INSTRUCTIONS FOR ONLINE BID SUBMISSION

1. The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.

2. REGISTRATION

- a. Bidders are required to enrol on the e-Procurement Module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.
- b. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- d. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- e. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC/e-Token.

1. SEARCHING FOR TENDER DOCUMENTS

- a. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- b. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- c. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

2. PREPARATION OF BIDS

- a. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- d. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

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e. Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

3. SUBMISSION OF BIDS

- a. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- c. Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- d. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- e. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- f. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- g. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- h. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- i. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- j. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

4. ASSISTANCE TO BIDDERS

- a. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- b. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.



MM/NS/CME/0378/

26.02.2018

To,

- 1. M/s ABB, Bengaluru
- 2. M/s Siemens, Mumbai
- 3. M/s Schneider, Pune

Dear Sir,

Last date and time of submission of tender: on 08/03/2018 before 11.30 hrs.

Date and time for opening of Cover-I: on 09/03/2018 at 11.30 hrs.

Sub: Supply of 1000KVA Compact Substations as per Technical Specifications – 2 Nos.

Ref: <u>e-Tender No. MM/NS/CME/0378 due on 09.03.2018 at 11.00 hrs.</u>

EMD: Rs. 50,000.00 (Rupees Fifty Thousand only)

You are requested to **upload** your offer in the **two bid system** against our e-Tender.

"Techno Commercial Offer" or Cover–I shall contain complete & detailed technical specifications and commercial terms and conditions such as packing & forwarding, freight, insurance, discount, taxes, price variation clause and any other conditions but excluding the price and should be submitted along with Earnest Money Deposit. Commercial and technical deviations if any should be clearly spelt out. The Cover–II or "Price offer" should contain **only the prices** without any conditions.

Cover marked - I "Techno Commercial offer" shall be opened on 09.03.2018 at 11.30 hrs. The "Price Offer" or Cover-II will be opened only of those firm's that qualify for the Techno-Commercial (Cover-I) conditions.

Tenders shall be accompanied by EMD of **50,000.00 (Rupees Fifty Thousand only). The EMD shall be paid in e-payment mode only by RTGS/EFT in our Bank before submission of bids. Our Bank details are attached to this tender.** For exemption of EMD, the certificate from SSI/MSME/NSIC or any empowered Central/State Govt. authority shall be submitted in electronic format (by scanning) while uploading the bid. Incomplete tenders or tenders without EMD will not be accepted. Tenders should be kept valid for a minimum period of 120 days from the date of opening and shall conform to the general terms and conditions of contract attached.

The administration reserves the right to reject any or all tenders or accept any tender wholly or in part without assigning any reason whatsoever.

Yours faithfully,

MATERIALS MANAGER



INSTRUCTIONS TO TENDERERS

GENERAL

- 1. Only OEM's viz. ABB, Siemens & Schneider are eligible to apply for this e-Tender.
- 2. E-Tenders received before the last date and time for submission of tender will be opened on due date at 11.30 hrs. The bidders can witness the tender opening if required.
- 3. The tenderers shall deposit the **Earnest Money Deposit** amount of **Rs. 50,000.00** by RTGS in our Bank as per the Bank details attached. The EMD shall be paid in e-payment mode only. For exemption of EMD, the certificate from SSI/MSME/NSIC or any empowered central/state Govt. authority shall be submitted in electronic format (by scanning) while uploading the bid. The details towards the EMD payment made shall be indicated in the technical cover (Cover-I). **Offers without the Earnest Money Deposit will not be considered except as under clause no. 13 below.**
- 4. The tender Earnest Money deposits of unsuccessful tenderers will be refunded by EFT, after a decision has been reached as regards to the acceptance of the tender. Kindly furnish your full Bank details along with your offer.
- 5. The prices should be quoted itemwise separately. Prices quoted on lump sum basis (i.e. for all the items taken together) will not be considered and the offer is liable to be rejected.
- 6. Offers should not contain any sort of conditional discounts based on quantity or value of order. Offers containing such conditional discounts will be rejected.
- 7. The prices should be valid for part quantities also.
- 8. Full GST will be applicable. Any statutory changes in taxes can be considered only if these changes occur within the contractual delivery period.
- 9. The Tender Conditions, Conditions of Contract and the Tender Form attached should be signed and uploaded along with "Techno Commercial Offer" Cover I in acceptance of all the terms and conditions mentioned therein. In case this is not done, the tender is liable to be rejected.
- 10. The offer submitted should satisfy all technical specifications in the attached Annexure-B, else the offer is liable to be rejected.
- 11. If the offers are found to deviate from our commercial terms & conditions and technical specifications they are liable to be rejected.
- 12. All documentary evidence and information requested should be uploaded along with your offer without fail.
- 13. Please note that the Port extends concession such as exemption in payment of EMD & Security Deposits to Small Scale Industries (SSI) registered with the NSIC, and Micro, Small & Medium Enterprises (MSME), provided proper proof is furnished. Relaxation for Schedule Castes & Schedule Tribes, upon furnishing of Certificates will be given based on the Ministry of MSME, Govt. of India for Procurement and Works Contracts, under procurement policy order 2012 clause nos. 4 & 6.
- 14. The Administration reserves the right to reject any tender in part or in whole without assigning any reason for doing so.

MATERIALS MANAGER

NOTE: The above format should be uploaded with your offer duly signed and stamped along with Cover-I failing which your offer will be considered as incomplete and liable for rejection. Further, ensure that every page is signed and stamped.

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MORMUGAO PORT TRUST MATERIALS MANAGEMENT DIVISION ENGINEERING (MECHANICAL) DEPARTMENT

TERMS AND CONDITIONS

- 1. **PRICES:** Prices quoted should be on F.O.R. destination basis inclusive of transit insurance indicating clearly the quantum of taxes and other charges whatsoever applicable. The prices should be firm. However, in case of any statutory revision in taxes within the delivery period of supply order, the same will be considered provided you furnish documentary evidence such as copy of Govt. notification.
- 2. **TAXES**: Full GST as applicable at the time of delivery during the contractual period.
- 3. **DELIVERY:** The items are to be supplied within 12 weeks of receipt of the order. The materials will have to be supplied on 'Door delivery' basis to our Stores at Baina, Vascoda-Gama, Goa duly insured at your cost.
- 4. **PACKING:** The materials shall be duly packed to withstand the hazards of transportation.
- 5. **INSPECTION:** The material will be inspected by our Quality Control Officer on receipt at our Stores. Any damage to the items during transportation shall be to Supplier's account. If the supplied items are rejected due to any defects/quality, the supplier has to make his own arrangements at his cost to lift the rejected materials and to replace the same immediately.
- 6. **PAYMENT:** Our payment shall be released as per the following terms:
 - i) 80% payment shall be released against supply of materials at site in good condition.
 - ii) Balance 20% of the payment will be released after taking over of the complete work. Payment will be made within 30 days of receipt of material/invoice/documents by ECS/EFT/RTGS. Suppliers Invoice should indicate the suppliers and MPT's GST numbers and the HSN number.
- 7. **VALIDITY:** The validity of the tender shall be 120 days from the date of opening.
- 8. **SECURITY DEPOSIT:** Within 14 days of acceptance of the tender, the successful tenderer will have to effect a Security Deposit amount equal to 5% of the basic value, exclusive of GST, by Demand Draft or by Bank Guarantee from a Scheduled Bank. The Demand Draft should be drawn in favour of the Financial Advisor and Chief Accounts Officer, Mormugao Port Trust, Goa payable at Mormugao Harbour, Goa. In case the Security Deposit is furnished by way of Bank Guarantee, the same should be valid for a minimum period of 24 months and a claim period of further 3 months, or till the Guarantee Period of the material supplied. Please note that we do not accept Bank Guarantee issued by ICICI Bank.
- 9. <u>LIQUIDATED DAMAGES</u>: Supply schedule as per order should be strictly adhered to. In the event of delay in supplies, Liquidated Damages at 1% of the total basic value of the undelivered quantity will be levied per week or part thereof of delay. The total Liquidated Damages shall however not exceed 10% of the total basic value of the order. The total value here means the total value of the order exclusive of taxes. The date of receipt of material at our Stores at Baina, Vasco will be considered as date of delivery for the purpose of Liquidated Damages.
- 10. **FORCE MAJEURE & EXTENSION IN DELIVERY PERIOD**: In case of failure to deliver the goods in time which shall have arisen due to war, insurrection, restraint imposed by the Government Act or Legislation or other Authority, accident, strike, riot, lock-out or unforseen events beyond human control directly or indirectly interfering with the supplies of stores or from any cause which the purchaser may admit as reasonable ground for an extension of time, the purchaser will allow such additional time he considers reasonable provided that the contractor shall report to the purchaser the occurrence of any cause as aforesaid which will or might affect the performance of the



contract within a reasonable time. Requests for extension received after expiry of the delivery schedule will not be entertained

- 11. The full details as regards GST Registration Number, Permanent Account Number (PAN) (Income Tax) Bank A/C No. and type of A/C, Name, Address, MICR Code and IFSC Code of Bank, etc. should be furnished as per our format attached.
- 12. **JURISDICTION:** In case of any dispute the jurisdiction will be GOA only.
- 13. OEM's representative shall be deputed at site during the installation and commissioning which will be undertaken by Port Contractor, following successful commissioning balance 20% payment shall be made.

MATERIALS MANAGER

We hereby agree to all the above terms and conditions

Signature and Seal of Tenderer

NOTE: This above format should be uploaded along with Cover-I of your offer duly signed and stamped, failing which your offer will be considered as incomplete and liable for rejection.



CONDITIONS OF CONTRACT

1. **DEFINITIONS:-**

PURCHASER means* MATERIALS MANAGER* on behalf of the Chairman of the Board of Trustees of Mormugao Port trust.

* INSPECTION OFFICER* means the person, firm or department nominated by the purchaser to inspect stores on his behalf.

*CONTRACTOR * means the person, firm or company whose tender is accepted.

- 2. **CONTRACT:-** This contract is for the supply of stores of the description at the rate in the quotations as and at the time and place detailed in the Schedule Order.
- 3. **DELIVERY:** The contractor shall arrange deliveries of stores as detailed in supply order the time and place and the manner specified therein.
- 4. DELIVERY THE ESSENCE OF THE CONTRACT:- The time given for delivery or dispatch shall start from the date of receipt of order by the Contractor. The time for the date of delivery or dispatch stipulated in the Schedule/Order shall be deemed to be the essence of the contract. In the event of the Contractor failing to effect delivery in the manner aforesaid, the Purchaser shall be entitled to recover from Contractor as Liquidated Damages and not as penalty a sum not exceeding 1% of the price of stores which the Contractor has failed to deliver as aforesaid for every week or part thereof during which the delivery of such stores may be delayed. The maximum liquidated damages shall however not exceed 10% of the value of the materials ordered. If the Contractor shall delay to complete the supplies or installment thereof as provided in the Schedule/Order by a period greater than 8 (eight) weeks, the purchaser may without prejudice to his claim for Liquidated Damages, terminate the contract and shall be entitled to purchase elsewhere on the account and at the cost of the Contractor, the stores which the Contractor has failed to deliver and the Contractor shall be liable for any loss or damages which the Purchaser may sustain of such failure on the part of the Contractor.

In case of failure to deliver the goods shall have arisen from war, insurrection, restraint imposed by Government Act of Legislation or other authority, accident, strike, riot, lockout, or unforeseen events beyond human control directly or indirectly interfering with the supplies of stores or from any cause which the purchaser may admit as reasonable ground for an extension of time, the Purchaser will allow such additional time he considers reasonable provided that the contractor shall report to the purchaser the occurrence of any cause as aforesaid which will or might affect the performance of the contract within a reasonable time. Requests for extension received after expiry of the delivery schedule will not be entertained.

- 5. **INSPECTION NOTICE:** When inspection during manufacture or before delivery is required, notice in writing shall be sent by the Contractor to the Inspection Officer, when stores are ready for inspection and no stores shall be delivered until the inspection officer has certified that the stores have been approved by him.
- 6. **REMOVAL OF REJECTION:** When any stores delivered to the consignee are rejected at the consignee's depot on account of default on the part of the Contractor, they shall be removed by the Contractor within 14 days from the date of intimation of rejection to the Contractor. In case in which a contract is placed for delivery F.O.R. station of dispatch, the rejected stores may be taken back by the supplier either at the consignee depot or at the station from which they were sent. In either of these cases, the Contractor elects to



take back the stores at the station of dispatch, the goods shall be booked on account and risk of the Contractor.

- 7. **PAYMENT:-** Unless otherwise agreed between the purchaser and the contractor, the payment of materials will be made as detailed in the order.
- 8. The Administration reserves the right to accept/reject in part or in whole the tender without assigning any reason whatsoever.

CONTRACTORS SIGNATURE

MATERIALS MANAGER

NOTE: The above format should be uploaded with your offer duly signed and stamped in Cover-I failing which your offer will be considered as incomplete and liable for rejection. Further, ensure that every page is signed and stamped.



rejected.

MORMUGAO PORT TRUST MATERIALS MANAGEMENT DIVISION ENGINEERING (MECHANICAL) DEPARTMENT

TENDER FORM

do hereby tender to supply and
do hereby tender to supply and of the description
the manner detailed in the conditions of
ine manner detailed in the conditions of
if accepted in whole or in part to execute
e /us of such acceptance and agreement for
terials Manager may accept. I/we agree that
for the execution of the Agreement shall be
ur tender is accepted to effect within 14 days
Financial Advisor and Chief Account Officer,
Mormugao, Goa (in cash, by Demand Draft
m any scheduled Bank) equal to 5% of the
accepted.
dealing to arregate an agreement within 14
decline to execute an agreement within 14 ur tender may not be accepted and my/our
dministration
diffilistration
Signature of the Contractor
oignature of the contractor

2nd Floor, A.O. Building, Headland-Sada, Mormugao, Goa - 403 804 (P.O. No. 170, Vasco-da-Gama, Goa - 403 802)
 Phone: 0832- 2520222, 2520220, Fax: 0832-2520227
 Web Site: www.mptgoa.com, E-Mail mm@mptgoa.com

REMARKS: Kindly upload this form duly signed and stamped in Cover-I else your offer is liable to be



ANNEXURE - A

LIST OF APPROVED MAKES

SR. NO.	P.L.CODE	DESCRIPTION	APPROVED MAKE	QTY.
1.	NS-1	1000KVA Compact Substations	ABB/Siemens/Schneider	2 Nos.

	MATERIALS MANAGER
Signature of Tenderer with company seal	

 ${\bf NB}$: Kindly upload this annexure duly signed and stamped in Cover-I in acceptance of the terms & conditions given therein.



ANNEXURE - B

TECHNICAL SPECIFICATIONS

1. **GENERAL**

Mormugao Port Trust proposes to upgrade the existing Electrical Installation from 3.3 KV to 11KV at MPT. The atmosphere in the above premises is tropical, highly saline and laden with moisture and dust particles. The ambient temperature may go up to as high as 38°C. Average annual rainfall is 2500 cms.

2. SCOPE OF WORK

The work of the existing Electrical Installation from 3.3 KV to 11KV at MPT consists of Design, manufacturing and Supply of 1000 KVA Compact Substations.

3. STANDARDS

The design, manufacturing and supply of 1000 KVA Compact Substations and accessories covered in this specification shall comply with relevant IS standards with latest amendments.

4. OUTDOOR TYPE 11/0.433 KV, 1000 KVA PACKAGE COMPACT SUBSTATION

- The work includes design, manufacture and supply, of 11/ 0.433 KV, 1000 KVA package outdoor substation comprising of: 1 no. 11 KV, 630A, 25 KA, 3 Phase 50 HZ Isolator, 1 no. 11 KV, 630A, 500 MVA, 25KA, 3 Phase 50HZ SF6 encapsulated Vacuum circuit breaker with standard accessories, Transformer compartment with 11 KV/433V, 1000 KVA, DYnII, Dry type Resin cast Transformer with standard accessories. LV compartment comprising of 1 No. of 415V, 1600A, 4 pole, 50KA, ACB and 1 No.300 KVAR, APFC unit with standard accessories.
- The substation shall be manufactured as per relevant latest IEC/IS standard and the design and operational features will comply with the provision of latest version of Indian Electricity Act, Indian Electricity Rules, Factory Act and Fire Insurance Regulation.
- The specification covers technical and constructional details of outdoor type Package Substation Unit which shall be capable of performing satisfactorily in open atmosphere/heavy dust atmosphere with high relative humidity. The Package Substation Unit shall be compact in size, transportable, light weight rugged and of robust construction and capable to withstand rough use in highly humid areas and suitable for use in outdoor location. It shall be installed and overall dimension shall be kept to minimum as far as practicable.
- The Package Substation Unit shall be manufactured at original equipment manufacturer's factory and shall have outdoor enclosure of **hot dip** galvanised sheet steel **2 mm** thick with **4 mm** thick base, dust and vermin proof and suitable for outdoor installation and shall be provided with lifting hooks. The partition between the compartments shall be **2 mm** thick. The steel and iron parts which go into the assembly will undergo a complete pre-treatment and anticorrosive coat before a final coat of approved shade. To prevent the enclosure from rusting / corrosion, welding should be avoided.
- Access to the operating bay and to the transformer shall be avoided with double doors. Doors shall be provided with pad locking arrangement. Internal lighting with door operated switch shall be provided for each compartment separately and safety notices shall be provided.
- All enclosures / metal frames of package substation, HV switchgear, transformer, LT switchgear and capacitor panel are to be connected to the earthing system.
 Continuity of the earthing system shall be ensured taking into account the thermal and mechanical stress caused by the current it may have to carry. Highest degree of



protection to equipment and persons shall be provided. Labels for warning and operating instructions etc. shall be provided.

- All equipments and material shall be designed, manufactured and tested in accordance with latest IEC Standards. The high / low voltage prefabricated package substation shall comply with and tested as per IEC 61330/62271-202
- The switchgear components shall be capable of withstanding mechanical and thermal stress of short circuit without any damages or deterioration of materials.
- For continuous operation of specified ratings temperature rise of various switchgear components shall be limited to permissible values stipulated in the relevant standards/ codes and this specification.
- Earthing arrangement shall be provided for earthing of each cable, glands, neutral bus bar, chassis & framework of the cubicle with separate earthing terminals at two ends. Earthing Strip shall be of **hot dip GI** of size **50mmx6mm for Body and Neutral** protected against corrosion and readily accessible. The strip shall be connected to earthing terminals with Stainless Steel nut bolts.
- The Package Substation Unit will comprise of the following major parts.
- a) Weather proof sheet steel enclosure with anti-skid base, provision for lifting arrangement.
- b) Isolators and cable entry provision
- c) VCB for primary control of Transformer with over current short circuit and earth leakage protection.
- d) Double wound outdoor copper wound dry type Resin Cast transformer
- e) HT side of transformer to HT switchgear shall be connected with 11 kV XLPE cable of size suitable for short circuit current.
- f) Switchboard with ACBs on LT side of Transformer
- g) LT side of transformer to LT switchgear shall be connected with each other with suitably rated aluminium bus bar suitable for short circuit current.
- h) Measuring instruments with CTs & PTs.
- i) Current transformers shall be of dry type.
- j) Frame earthing arrangement, outgoing cable termination arrangement, indicating devices, etc.
- k) Enclosure shall be IP: 23 for transformer compartment and IP: 54 for HT and LT switchgear compartments.
- l) To avoid entry of rodent in the transformer compartment stainless steel mesh shall be provided from inner side of louvers.
- m) Adequate ventilation shall be provided.
- n) CSS Enclosure shall be type tested for 21 KA/ 1 Sec.

1. HT Compartment comprising of:

i. Isolator

- The isolator shall be SF6 insulated, triple pole, spring assisted <u>manually operated</u> <u>type</u> with quick break contacts. The isolator shall be contained in sealed SF6 enclosure made of stainless steel/metalized earthed screen cast resin. SF6 gas pressure gauge shall be provided for pressure indication purpose.
- The isolators should be designed for 12KV, 3 phase 50 Hz and should have continuous current rating of 630 Amps. All connections including band joints for busbars etc. shall be of ample cross section to cater to the rated load current

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continuously and shall be suitable for short time rating of 25KA for 3 sec.

- The isolator shall be capable of breaking rated full load current and shall have fault making capacity of 52.5 KA peak.
- The operating handle shall have three positions "ON", "OFF", and "EARTH" which shall be clearly marked with suitable arrangement to padlock in any position. A safety arrangement for locking shall be provided by which the isolator operation shall be prevented from "ON" position to "EARTH" position or vice versa in a single operation.
- Integral cable test terminals and test plug with clear identification mark and with interlocked cover shall be provided. The interlocks shall be so arranged that, the cable test terminals will be accessible only in the 'EARTH' position of the isolator
- To facilitate testing of cables, it shall be possible to bring the isolator to OFF position while the test plugs are kept inserted, but operation to ON position shall be prevented so long the cable testing is in progress.

ii. HT Panel

HT panel shall be modular design, panel type suitable for mounting on a common under base with SF6 encapsulated Vacuum circuit breaker, suitable cable entry box arrangement for XLPE cable. Necessary control Protection and metering circuits should be completely assembled, wired and enclosed in a weather and dust proof cubicle. The equipment shall be suitable for outdoor installation in highly humid area. The input to HT side of Transformer shall be through 11 KV XLPE Cable.

The HT Panel shall be the integral part of the Package Substation Unit and shall be Stainless steel enclosed, dust and vermin proof, suitable for outdoor use. This shall be suitable to receive power at 11 KV, 50 Hz, 3 phase AC complete in all respects with all equipment fittings and accessories for efficient and trouble free operation.

- a. 11KV, 630A SF6 encapsulated VCB with self-tripping mechanism having external DC source with numerical relay with IDMT, over current, earth fault and Instantaneous protection including TVM.
- b. 11KV / 110 V PT of suitable VA along with HRC Fuses.
- c. 11KV CTs of suitable ratio with suitable VA burden and accuracy class 1.0 for metering, 5P10 for protection conforming to IEC 60185.
- d. Incoming cable entry box shall be provided for the required cable entry.

e.	System rated voltage	11 kV
f.	System maximum voltage	12 kV
g.	Frequency	50Hz

h. Insulation level

i) 1.2/5	50 micr	osecond	Impulse	75 kV peak
withs	tand volta	age		
ii)One	minute	power	frequency	28 kV rms

withstand voltage

i. Rated current

i) Continuous

Bus barIncoming circuit breaker630 A



ii) Short time current for 3 seconds 21 kA rms

j. Circuit breaker

i) Quantity Incomer (Isolator)ii) Quantity Outgoing (SF6 VCB)One

iii) Rated breaking capacity 21 KA / 3 Sec.

Symmetrical.

iv) Rated making capacity 52.5 KA

v) Total breaking time 7 cycles maximum

vi) Operating sequence As per IS/IEC

k. Potential transformers

i) Quantity One on each feeder

ii) Voltage ratio $11000/\sqrt{3}: 110/\sqrt{3}: 110/\sqrt{3}$

iii) Reference Standard As per IS-3156iv) Over voltage factor As per IS-3156

v) Accuracy class 1.0

vi) Insulation Level 75 kV Peak / 28 KV rms

vii) Voltage Factor 1:2 viii) Rated Burden 100 VA

1. Current Transformer

i) For Relay 5P10/2.5 VA (Min)

ii) For Metering 1 / 15VA

iii) Insulation Level 75 kV Peak / 28 KV rms

iv) Insulation Class F

v) Reference Standards IS:2705

vi) Ratio 100: 50 /1-1

The panel shall be provided with two earthing terminal, necessary inter-connection, control wiring and shall be complete with finishing paint etc. & conform to relevant IS.

SF6 encapsulated Vacuum Circuit Breaker variable setting ranges from 50-100 %. The neutral system comprising of housing of breaker, safety shutters, isolating plugs and socket and VCB trolley with 3 Nos. vacuum interrupters with safe aligning finger type, isolating contacts suitable for vertical isolation and horizontal draw out.

 Type of charging: Manual as well as motorized Mechanism with 230V AC Operated motor.

ii) Shunt trip coil: 24V DC

iii) Closing coil: 24V DC

iv) Busbar chamber with 630 A copper busbar, heat shrinkable PVC sleeved / powder coated with colour code. The current density 1.5 Amps/sqmm. The busbar shall be high conductive electrolyte copper.



- v) 230 V AC space heater with ON-OFF switch and thermostat.
- vi) Epoxy cast resin CTs with 2.5VA burden STR of 25 KA for 1 sec. metering accuracy class 1 and protection accuracy 5P10 and having of CTR 100: 50 /1-1 for Incomer.
- vii) The meters shall be single digital type of approved make like load manager and it consist of Amps, Volts, KVA, KW, KWHr, KVAR, PF, Frequency and etc.
- viii) Breaker ON-OFF LED indicating lamp.
- ix) Trip circuit healthy indicating LED indicating lamp with push button.
- x) Spring charged LED lamp indication.
- xi) TNC (trip neutral close) switch.
- xii) Numerical relays consist of IDMTL + Inst 3 O/C + Inst E/F relay and Trip circuit supervision.
- xiii) Master Trip Relay.
- xiv) Operating handle, spring charging handle and other required accessories shall be supplied.
- xv) Cable Box suitable from receiving of 3CX185 Sq.mm H.T. XLPE Cables.
- xvi) Panel illumination lamp.
- xvii) Hooter for tripping.
- All necessary protection fuses for the instruments and relays shall be provided separately inside the enclosures along with power pack arrangement of suitable capacity.
- The incomer Isolator and VCB shall be interlocked mechanically complete with necessary interconnection with fine wiring, feruled properly, Earthing, etc. The layout drawing, dimensional drawings and electrical wiring diagram and operation maintenance manuals in duplicate shall be supplied with VCB. The VCB / ISOLATOR shall be supplied in conformity with relevant ISS & IEC with up to date amendments along with manufacturer's test certificate.
- HT copper busbar shall have electrolytic grade of 600 Amps rating for three phases including color code and PVC sleeving. All the HT busbar shall be supported on hylem / epoxy insulators. The Bakelite sheet of 12 mm thickness (minimum) shall be provided in side enclosures of panel and wherever it is found necessary under relevant IS specification & IER-1956 rules.

2. Transformer Compartment

Transformer (Dry type Resin Cast)

Rating (KVA)	1000 KVA (Dry type Resin Cast)
No load Voltage Ratio (at No Load)	11 / 0.433KV
No. of Phases	03
Rated frequency`	50HZ
Application	Suitable for Indoor Installation
Degree of protection	IP-23 (indoor)
Vector Group	Dyn11
Tapping Range	+5% to -5% @ 2.5 %



Tap- Changer	Off Circuit tap links on HV side for variation on HV
Class of Insulation	Class-F
Temperature Rise of winding over the ambient 50°C	90°C
Impedance at 75°C (IS tolerance)	5%
Total loss (No load + Load Loss) at 50% Load	As per Energy Efficiency level 2 of IS -2026
Insulation level	
HV (KVp/KVrms)	60KVp / 20 KV(rms)
LV (KVrms)	03 KV (rms)
Type of cooling	Air Natural (AN)
Noise level	As per NEMA TR-1 Standard
Termination	
HT side	Suitable for Cable
LT side	Suitable for Busbar
Connections	Primary – Delta
	Secondary – Star with Neutral
Paint	Enamel (Siemens Grey)
The high voltage and low voltage winding	g shall be made of copper Conductors.

The transformer shall be designed to be capable of with-standing, without injury, the thermal and mechanical effects of short-circuits between phases or between phase and earth at the terminals of any winding with full voltage applied across the other winding for periods given in relevant standards. There shall be no limitations imposed by any part/component of the transformer/off load tap links to meet the short circuit level specified.

The transformer shall be designed for minimum no-load and load losses within the economic limit and shall be able to have minimum loss at the rated load condition.

The transformer shall be capable of continuous operation at full load rating.

The lifting lugs and rollers shall be provided. A winding temperature scanner shall be provided and shall be actuated by means of resistance temperature detectors embedded in LV windings of all three phases. It shall have alarm and trip contacts at a specified temperature.

Windings shall be designed to withstand the specified thermal and dynamic short circuit stresses.

3. LT Compartment

(i) L.T. Switchgear Panel

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- LT switchgear panel shall complete in all respects with all equipment fittings and accessories including internal wiring for efficient and trouble free operation as required.
- Air Circuit Breakers (ACB) shall be with fault level of 50 KA for 1 Sec., copper bus bar, spring charging operating mechanism, microprocessor based overload, short circuit and earth fault protection releases with wide setting range, LED displays, alarm display for microprocessor fault, interlocking, etc. complete as required.
- The LT Panel shall be the integral part of the Package substation Unit and suitable for outdoor use. This shall be suitable to receive power at 433 V, 50 c/s, 3 phase AC and restricted earth neutral system and comprising of the following:

INCOMER:

1 No. 1600A, 4P, 50 KA ACB with microprocessor based over current, short circuit and earth fault release, MFM, indicating lamps and ON/OFF push buttons.

NOTE:

Type Test Certificate of Similar type (ACB) & Rating shall be submitted by the successful tenderer.

OUT GOING:

- Outgoing cable 1 x 1000sq.mm LT cable shall be connected to outdoor type way LT panel.
- All outgoing feeders shall have phase indicating LED lamps and Multifunction Meter.
 - ii) 300 KVAR APFC Capacitor Panel:
- The capacitor panel shall be an integral part of package substation.
- The Capacitors control panel shall be of automatic switching type with facilities for manual control. The panel shall be a cubical type metal clad board equipped with Microprocessor based intelligence version APFC relay with 3 phase CT sensing, Switch Fuse Units with HRC fuses (feeder Control), Heavy duty contactors and metering equipment and controlling banks of capacitor mounted in ventilated compartments with IP:54 protection with bottom lowers. The switch units, contactors, etc. shall be selected to suit Capacitor ratings. The panel shall be capable of switching ON/switching OFF capacitor bank in stages with on delay timer. The APFC relay provided in the panel shall be three phase sensing power factor on 433V bus and there upon switch ON/switch OFF.
- The panel shall be freestanding and provided with separate compartments for incoming outgoing control switches and the capacitor banks. A continuous earth bar shall be provided to which the individual capacitor banks shall be connected. All main bus bar connection shall be of Copper. Panel shall be painted with Epoxy primer and Epoxy paint after an accepted metal treatment process.
- The switching of capacitor bank by a re-strike free breaker shall not cause first peak of transient over voltage not to exceed $2\sqrt{2}$ times the applied voltage (rms) for maximum duration of 1/2 cycle and shall be suitable for performing 5000 switching operation/year under these conditions.
- LT capacitor banks shall be provided on the LT buses in proposed sub-station to improve the power factor from 0.8 to 0.98 and above lagging.
- LT Capacitor banks of suitable rating shall be provided directly at incoming side of incomer breakers for LT panel to compensate the reactive load of transformers and to maintain power factor above 0.98 even when no motor is in operation. Contractor shall furnish the calculation for suitability of capacitor bank.

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- The rated voltage of 3 phase capacitor bank shall be 433 V (Phase to Phase) and 230 V (Phase to Ground). The capacitor offered shall be non self-heating type, super heavy duty long life MPP type conforming to IS 2834 and IS 13585.
- Capacitors banks are to be built up from individual single phase units suitably interconnected and housed in a metal enclosure to form a single 3 phase bank Capacitor. Capacitors having low Loss/KVAR shall be preferred.
- Capacitors shall be suitable for operation at power frequency voltage level and for power frequency plus harmonics such that current does not exceed the values specified in clause 6.2 Annex C & E of IS 13585.
- Capacitor modules shall be provided with in-built fuses to isolate individual faulty units from the total bank. Capacitors are also to be provided 0.2% series Reactor to limit the fault current or inrush current during switching operations along with ON delay timer on individual feeder.
- Capacitors shall be provided with directly connected discharge device suitable to reduce the residual voltage from crest value of the rated voltage to 50 volts or less within 1 min after the same is disconnected from the supply.
- For enabling the metal container to carry fault current in the event of breakdown of container, this container shall be provided with a connection capable of carrying the fault current.
- Relay shall be suitable for operation at low load and current sensitivity shall be equivalent to 1%.
- The capacitor should be of rating as indicated in the Bill of Quantities, to provide for a gradual increase in KVAR ratings in steps.
- Type tests certificate for similar type & rating of capacitors in accordance with IS 13585 shall be submitted by the successful Bidder.
- The routine and acceptance test shall also be performed as per the relevant standards.

• Tests

- Type test certificate for similar type & Rating of Compact Package Substation manufactured as per IEC 61330/62271-202 be submitted by the successful tenderer.
- The Routine and Field test shall be arranged by the supplier and carried out on Compact Package Substation as per latest relevant IEC / IS Standards in presence of Third Party Inspection Agency appointed by the Port at the manufacturer's works & at site respectively. The cost of the TPI will be borne by Port. The Certified copies of test certificates shall be submitted before despatch.

5. **DRAWING**

Necessary drawings shall be prepared and submitted to Trust's Engineer for approval before fabrication of panel and commencement of work.

On completion of the work the Contractor shall supply 3 sets of final, as built electrical drawings with operation and maintenance manuals after commissioning. The softcopy and hard copy of all the drawings and manuals with spares list shall be furnished to the Trust's Engineer by the supplier.

6. **TESTS**

All the relevant tests shall be carried out as per the ISS & IEC standards. Necessary tests certificates as per relevant IS standards of the equipments, etc shall be



- submitted to the satisfaction of the Chief Mechanical Engineer or his representative before installation of the equipment.
- 7. OEM's representative shall be deputed at site during the installation and commissioning which will be undertaken by Port Contractor, following successful commissioning balance 20% payment shall be made. **Confirm acceptance.**

8. **GUARANTEE**

The two year Guarantee period shall commence from the date of taking over of the material. The repair/replacement shall be carried out in mutual consultation with the Port Engineer-in-Charge.

Name, Signature & Seal of the Tenderer

MATERIALS MANAGER

NOTE: Kindly sign and stamp these Technical Specifications in acceptance of the same.



ANNEXURE-II

PRICE SCHEDULE - COVER II

OFFER NO.	DATE:	

TENDER NO. MM/NS/CME/0378 DUE ON: 09.03.2018

Sr. No	Code No.	Description	Qty.	U/ Rate (Basic)	P&F	Frei ght	Insu- rance	Ot- hers	GS T	TOTAL FOR DESTINATION PRICE
				Rs. (a)	Rs. (b)	Rs. (c)	Rs. (d)	Rs. (e)	Rs. (f)	Rs. (a+b+c+d+e+f)
1	NS-1	Design, fabricate and Supply of 11/0.433 KV, 1000 KVA, Package Outdoor Sub-Station comprising of 1 No. of 11 KV, 630A, 25 KA, 3 Phase 50 HZ Isolator and 1 No. of 11 KV, 630A, 500 MVA, 25KA, 3 Phase 50 HZ SF6 encapsulated Vacuum circuit breaker and Transformer compartment of 11 KV/433V, 1000 KVA, DYn II, Dry type Resin cast Transformer with standard accessories including LV compartment comprising of 1 No. of 415V, 1600A, 4 pole, 50KA, ACB and 1 No. 300 KVAR, APFC unit with standard accessories as per Technical Specification of Annexure – B.	Nos.							
		Make: ABB/Siemens/Schneider								

- 1. The tenderers are requested to fill up the above details and upload the same in the format provided for Cover II
- 2. Offers not given in above format are liable to be rejected.
- 3. Indicate the brand offered.
- 4. P/F- Packing & Forwarding GST Goods & Service Tax
- 5. Mention 'NA' wherever not applicable.

Date:	

NOTE: Kindly fill this Price Schedule (Annexure-II) format and upload in Cover-II else your offer is liable to be rejected.

Name, Signature & Seal of the Tenderer

Phone: 0832- 2520222, 2520220, Fax: 0832-2520227 Web Site: <u>www.mptgoa.com</u>, E-Mail <u>mm@mptgoa.com</u>



DETAILS FOR SUBMISSION BY VENDORS ALONG WITH TENDER.

A	. <u>VENDOR DETAILS OF VENDOR</u>	
1.	Name of the Organisation	
2.	Address (in detail)	
3.	Telephone no.	
4.	E-mail ID	
5.	PAN No.	
6.	Tax Identification No. (TIN)	
7.	Service Tax Registration No.	
8.	Service Tax Registration Code	
9.	CST Registration No.	
10.	Employee Provident Fund (PPF)	
11.	Employee State Insurance Scheme (ESIC) Registration No.	

B. BANK DETAILS OF VENDORS.

1.	Bank Name	
2.	Bank Branch Address (in detail)	
3.	Bank Branch Code	
4.	Bank Account No.	
5.	Bank Account Type	
6.	Magnetic Ink Character Recognizer (MICR)	
7.	IFSC Code.	



MORMUGAO PORT TRUST ELECTRONIC PAYMENT SYSTEM MANDATE FORM

Sub:- Electronic Payment System Mandate Form.

The details for processing the payment through RTGS as below:-

Name of the Beneficiary	MORMUGAO PORT TRUST
Address of Beneficiary with PIN Code	Administrative Office Building, Headland Sada, GOA - 403804
PAN Number	AAALMO293P
Name & Mobile Number of responsible person	MILIND DESSAI / 9823082682 milind.desai@mptgoa.com
Name of the Bank and Branch	STATE BANK OF INDIA, Harbour Branch
Bank Telephone No.	0832-2520212
Address of the Bank	STATE BANK OF INDIA MORMUGAO HARBOUR, GOA - 403803
MICR Code of the Bank	403002024
IFSC Code No.	SBIN0002164
Type of Account and Branch Code	Current Account / Branch Code:- 002164
Account number of the Bank	10438017048
Beneficiary E-mail ID	cashmpt@mptgoa.com

(MILIND DESSAI)

SR. ACCOUNTS OFFICER



MPT GST Details & Party's GST Details Form

Sr No	Particular	Mormugao Port Trust	Data Required from the Party
1	Customer Name as per GST Registration Certificate	Mormugao Port Trust	
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/Individu al/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 Lavy 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 person as per section 2(77) of CGST Act, 2017 ? (Yes or No)	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	Sr. Dy.CAO	
	Phone No.	0832-2521132	
	E-mail	facao@mptgoa.com anant.chodnekar@mptgo a.com	

I,	Mr./Mrs.	(Proprietor/Partner/Director) of M/s	
	·	do certify that the information given above is complete and correct.	
Place:	Signature		
Dat	e:	(Name:	