

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

NOTICE INVITING BUDGETORY OFFERS

Name of Work	NAME OF WORK "ARC FOR ELECTRICAL MAINTENANCE OF PORT VEHICLES AND OTHER UTILITIES ON VISIT BASIS AT MPA FOR A PERIOD OF ONE YEAR"
Date of submission of budgetary quotation	On or Before 26/04/2023 at 15:00 Hrs.
Address for communication:	Executive Engineer(E-HL), Mechanical Engineering Department, Mormugao Port Authority, Electrical Section, 1st Floor, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594241, 2594236 Email : xene.mqpt@gmail.com
Website	www.mptgoa.gov.in

EXECUTIVE ENGINEER (E-HL)
MORMUGAO PORT AUTHORITY

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

CME/XEN(E-PH)/P-6/

Date: .11.2022

Sub: ARC FOR ELECTRICAL MAINTENANCE OF PORT VEHICLES AND OTHER UTILITIES ON VISIT BASIS AT MPA FOR A PERIOD OF ONE YEAR.

Ref: Budgetary Quotation No. CME/XEN (E-PH)/P-6/BQ-1

Mormugao Port Authority intends to carry out the work of ARC for Electrical Maintenance of Port Vehicles and other utilities.

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

Your budgetary quotation should reach to this office on 26.04.2023

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

Technical specification

1.0. SCOPE OF WORK:

1. Attending Electrical related maintenance/ repairs/ breakdowns of Port vehicles, DG sets and other utilities at site on visit basis. Work includes identification of the problem, repairing/ replacement of the defective parts/ items, successful trial run of the equipment. This includes, repairs of starters, alternators, lights, wipers, horn, gauges etc. List of the vehicles, DG sets and utilities is attached at schedule A.
2. One visit will be considered from the time of attending the fault / maintenance of vehicles, DG sets and utilities till its rectification to the user's satisfaction.
3. Maintenance/ replacement of batteries.
4. Removing, repairs, reinstallation and commissioning of starter/ alternator is in the scope of the contractor.
5. Periodicity for repairs of Starter/ Alternator is 72 hrs. However, in case of urgencies such as starter/ Alternator of DG sets, Fire Tender, Firefighting equipment's etc., the starter/ Alternator has to be repaired and fitted within 24hrs. Urgency if any will be decided by the Engineer in Charge and intimated accordingly.
6. In case the breakdown of the vehicle, DG set or other utilities is due to starter/ alternator problem, then charges towards only repairs of particular alternator/ starter will be paid. No separate visit charges will be paid to the contractor.
7. Attending works related to RTO passing of vehicle. The below mentioned electrical works have to be carried out prior to RTO inspection.
 - i. Dismantling of all electrical fittings if needed.
 - ii. Disconnecting and removal of wirings as required for mechanical & structural body works. Mechanical works shall be carried out by the Departmental mechanical staff
 - iii. Rewiring of the vehicles, if required.
 - iv. Trouble-shooting and rectification of electrical faults in the vehicles.
 - v. Re-assembling of all the fittings & re-wiring /reconnections as necessary.
 - vi. Any other electrical works not included but essential for road-worthiness of the vehicles.
8. Breakdown, repairs, maintenance works has to be promptly attended to & completed at the earliest. Vehicles with minor repairs (such as lights, horn, wipers, fuel gauge) have to be completed within 8 working hours and vehicles with major repairs (such as wiring faults, RTO passing related works) within 2 working days, subjected to availability of spares and jurisdiction of AEN(E)/ AXEN(E).

9. The time period for all type of repair works starts from the time when the intimation is received by the contractor. The intimation will be given telephonically.
10. To supply spares for 12 V starter, 12V alternator, 24V starter, 24V alternator of make TVS Lucas / Bosch and 24V starter of Make Delco Remy as per the quoted price during the entire ARC period.
11. Tools & tackles required for repair works are to be provided by the contractor.
12. The Contractor shall at his own expenses provide all safety gears viz. safety helmet safety shoes, radium jackets and other Personal Protective Equipments (PPE) for all labours engaged during the work.

1.1. Exclusions:

1. Any extra Spares, consumables and batteries which are not included in the BoQ item Part-II required for repairs of Port vehicles, starters, alternators and other utilities will be supplied by the Port.

2.0. Other Conditions:

- 1) The rate should be quoted as per unit.
- 2) The rate quoted should be maintained for the entire contract period.
- 3) The Contract period shall be for a period of 1 year.
- 4) The contractor is advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the offer.
- 5) The contractor should engage skilled service personal with the relevant required tools and instruments.
- 6) The Contractor shall complete the work in all respect to the satisfaction of the Engineer-In-Charge or his representative.
- 7) The rate quoted should be maintained till the completion of supply and no upward price revision will be agreed to.
- 8) The Contractor personnel engaged in the work shall follow all safety, security and General Rules enforced by Mormugao Port Authority (MPA) and the contractor will only be responsible for the same.
- 9) MPA will not be responsible for any loss or damage of the men / materials / tools / plants engaged by the firm during the work at site / transportation.
- 10) The contractor should indicate the GST No.
- 11) No advance payment will be made by the Port.
- 12) Final payment will be made only after handing over the entire system in good working condition and upon producing all the invoices and supporting documentation.

- 13) Necessary entry passes shall be obtained by the firm at their own cost with the approval of Port Officials.
- 14) Power Supply will be provided on chargeable basis by the Port. However, the firm should make his own arrangements to take power supply from the nearest source of supply.
- 15) For any clarifications, the firm may contact the 'Executive Engineer at 1st floor of the Administrative Office, Ph.0832-2594241/4236

3.0. GUARANTEE PERIOD:

The Contractor shall guarantee the subject work and supplied item for a period of one year from the date of satisfactory completion of work or acceptance by Port whichever is later. If any defect is observed during the guarantee period, the same shall be rectified by the Contractor, free of cost under guarantee obligations.

SCHEDULE A

Sr. No.	REGISTRATION NO. OF VEHICLE	MODEL	MAKE
	WATER TANKERS		
1.	GA-02/V-7514	Oct '2005	TATA-1613 WATER TANKER (6000 Lts.) converted to truck mounted mist canon.
2.	GA-06/T-0486	Oct '2007	TATA-1613 TC WATER TANKER (10,000 Lts.)
	ROAD SWEEPER		
3.	GA-06-T-4992		EICHER Road Sweeper
	FIRE TENDER		
4.	GA-06-T-4093		TATA 1613 Fire Tender
	PICK UPS		
5.	GA-06/T-1236	Feb '2009	TATA SFC 407 PICK-UP
6.	GA-06/T-1237	Feb '2009	TATA SFC 407 PICK-UP
7.	GA-06/T-1238	Sept '2008	TATA SFC 407 PICK-UP
8.	GA-06/T-1264	Mar '2009	TATA SFC 407 PICK-UP
9.	GA-06/T-1265	April '2009	TATA SFC 407 PICK-UP
10.	GA-06/T-1268	Jan '2009	TATA 207DI PICK-UP
11.	GA-06/T-1517	Feb '2010	TATA-909 Crane Mounted Pick-up
	CARS		
12.	GA-06-E-3801		MARUTI CIAZ VXI
13.	GA-06/D-3087	Sept '2009	TOYOTA INNOVA CAR
14.	Any other Port vehicle/equipment brought into service of MPT		

List of Installations where Auto/Battery/Battery charger related works are to be carried out

1. 33KV Substation "A"	6. Hospital substation
2. Tower Monitor	7. Jetty substation
3. A.O. Bldg	8. Harbour substation
4. Baina Workshop	9. Pollution Monitoring unit at Port
5. Headland Sada Substation	institute/Vasco

List of DG sets and other utilities

Sr. No.	Equipment/ Utilities	Qty
1	Port Hospital DG set	01 no
2	AO Bldg DG set	02 nos
3	Cruise terminal Bldg Harbour DG set	01 no
4	Railway S&T building DG set	02 nos
5	Substation A DG set	02 nos
6	Gate no. 9 DG set	01 no
7	MM Complex Baina DG set	01 no
8	Baina MMS Welding generator	01 no
9	Mechanical workshop Welding generator	01 no
10	Tugs	04 nos engines
11	Launch	12 nos engines
12	Cranes	03 nos
13	Firefighting system at berth no.8	07 nos engines
14	Firefighting system at berth no.10	01 no engine
15	Forklift	02 nos
16	Portable Generator	02 nos

PRICE SCHEDULE (BILL OF QUANTITIES)

ARC FOR ELECTRICAL MAINTENANCE OF PORT VEHICLES AND OTHER UTILITIES ON VISIT BASIS AT MPA FOR A PERIOD OF ONE YEAR

PART I

Sr. No.	Description	Unit	Qty	Rate(Rs.)		GST (%)
				In fig.	In words	
1	Per visit Charges for attending and rectifying vehicle breakdowns.	No	1			
2	Per Visit Charges for attending and rectifying DG set and other utilities breakdowns.	No	1			
3	Charges towards repairs of 12 V, starters/ alternator.	No	1			
4	Charges towards repairs of 24V, starter/ alternator.	No	1			
5	Per Visit Charges for attending and carrying out vehicle RTO passing related work.	No	1			

PART II

Sr. No.	Description	Unit	Qty	Rate(Rs.)		GST (%)
				In fig.	In words	
1	Supply of spares for 12V starter (TVS Lucas/ Bosch)					
	a) Armature Assy	No	1			
	b) Solenoid Switch	No	1			

	c) Drive Assy	No	1			
	d) Field coil assy	No	1			
	e) Brush plate Assy	No	1			
	f) Brush set (set of four)	No	1			
	g) Bush set (set of 3)	No	1			
2	Supply of spares for 12V alternator (TVS Lucas/ Bosch)					
	a) Stator Assy	No	1			
	b) Rotor assy	No	1			
	c) Slip ring	No	1			
	d) Ball bearing DE and NDE side	No	1			
	e) Rectifier Assy	No	1			
	f) Regulator	No	1			
	g) Brush box Assy	No	1			
	h) Brush assy kit	No	1			
	i) Bush Assy kit	No	1			
3	Supply of spares for 24V starter (TVS Lucas/ Bosch)					

	a) Armature Assy	No	1			
	b) Solenoid Switch	No	1			
	c) Drive Assy	No	1			
	d) Field coil assy (Main)	No	1			
	e) Field coil assy (Aux.)	No	1			
	f) Brush plate Assy	No	1			
	g) Brush set (set of four)	No	1			
	h) Bush set (set of 3)	No	1			
	i) Full Clutch Assy	No	1			
	j) Solenoid switch contact set assy	No	1			
4	Supply of spares for 24V alternator (TVS Lucas/ Bosch)					
	a) Stator Assy	No	1			
	b) Rotor assy	No	1			
	c) Slip ring	No	1			
	d) Ball bearing DE and NDE side	No	1			
	e) Rectifier Assy	No	1			

	f) Regulator	No	1			
	g) Brush box Assy	No	1			
	h) Brush assy kit	No	1			
	i) Bush Assy kit	No	1			
5	Supply of spares for 24V starter (Delco Remy)					
	a) Armature Assy	No	1			
	b) Solenoid Switch	No	1			
	c) Drive Assy	No	1			
	d) Field coil assy	No	1			
	e) Brush plate Assy	No	1			
	f) Brush set (set of six)	No	1			
	g) Bush set (set of 3)	No	1			

(In Words Rupees _____ only)

Note: The rates quoted shall be inclusive of transportation, lodging and boarding, but exclusive of GST. Applicable GST shall be paid extra as applicable.