



आईएसओ 9001-2015 पत्तान
AN ISO 9001-2015 PORT

**MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT
ELECTRICAL HARBOUR (HEADLAND) SECTION
NOTICE INVITING BUDGETORY OFFERS**

Name of Work	“REPLACEMENT OF ELECTRICAL FIXTURES & REWIRING AT PORTS GUEST HOUSE”
Date of submission of budgetary quotation	On or Before 03.03.2024 at 15.00 Hrs.
Address for communication:	Executive Engineer (E-HL), 1st floor, Electrical Maintenance Cell, Mormugao Port Authority, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594271, 2594215, 2594241 Email : xene.mgpt@gmail.com
Website	www.mptgoa.gov.in

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



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Sub: "REPLACEMENT OF ELECTRICAL FIXTURES & REWIRING AT PORTS GUEST HOUSE"

Ref: Budgetary Quotation No. CME/XEN(E-HR)/HL03/2024/06

Mormugao Port Authority intends to carryout work of **"REPLACEMENT OF ELECTRICAL FIXTURES & REWIRING AT PORTS GUEST HOUSE"**.

As such, it is requested to kindly furnish budgetary quotation for the same (Scope of work, technical specifications are enclosed at Annexure-I and Price Schedule enclosed at Annexure- II.

Your budgetary quotation should reach to this office on or before **03.03.2024** at **1500** Hrs.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

TITLE OF WORK: “REPLACEMENT OF ELECTRICAL FIXTURES & REWIRING AT PORTS GUEST HOUSE”

1. GENERAL

Mormugao Port Authority proposes to carry out replacement of electrical fixtures and rewiring at Port’s Guest House as per technical specifications.

2. SCOPE OF WORK

The Scope of work includes replacement of existing electrical fixtures, providing new electrical points and rewiring at Port’s Guest house, as detailed below.

- 2.1** Supply & Wiring with PVC insulated 3 x 1.5 mm² multi strand copper wire in PVC rigid conduit pipe of suitable size with Junction box, bend, Tee, GI clamps and other accessories, connect with 6 Amp Piano switch, fix on wooden board for the light points, fan points, 5A outlet.
- 2.2** Supply, installation and connection for 5 pin 6 Amp socket with 6 Amp switch on wooden switch board with phenolic laminated sheet of suitable size. Installation to be carried out on wall.
- 2.3** Supply, Installation and commissioning for 5 pin 15 Amp switch socket including PVC box. Installation of 15A Switch socket including PVC box to be carried out on existing wall.
- 2.4** Supply, Installation and commissioning of Metal clad boxes with 20A MCB for Air Conditioners with metal socket & top plug. Installation to be carried out on existing wall at Dormitory.
- 2.5** Supply & Wiring with 2 x 2.5 mm² + 1 x 1.5 mm² copper wire through separate PVC casing capping from light DB to 03 nos. AC metal clad box. Casing capping to be carried out using suitable Tee’s and elbows covers and fasten the casing for every meter.
- 2.6** Supply, installation and connection of 12 way SPN lighting double door DB’s with 3 PN 32 Amp MCB – 1 No, & 10 – 32 Amp single pole MCB, 8 Nos. Installation to be carried out at Dormitory building wall. The DB shall be metal and pre-wired including termination points for earthing and neutral strips.
- 2.7** Supply and wiring with 4 x 4 mm² + 1 x 1.5 mm² copper wire through PVC casing capping for lighting circuit from main panel to light DB at Dormitory. Casing capping to be carried out using suitable Tee’s and elbows covers and fasten the



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- casing for every meter. Termination of wires using suitable lugs and glands at Main panel and lighting DB.
- 2.8** Supply, installation and connection of 18/20 Watts batten type LED tube light fixtures on the wall and/or ceilings including ceiling rose, round block, connectors and accessories. The colour of the tube light shall be cool white. Installation to be carried out at Guest house building ceilings and walls.
- 2.9** Supply, installation and connection of 1200 mm sweep ceiling fan including wiring the down rods of standard length with 2x1.5sq.mm FRLS PVC insulated, copper conductor, single core cable, ceiling rose, hooks, connectors etc as required. Style: Body Ring with Trim, Extra wide blade. The hooks and additional length of rod shall be provided wherever it is necessary is in contractor's scope. The cutting/removing of false ceiling if required and making good after the work is in contractor's scope.
- 2.10** Supply & Installation of 40 W & above, 230V, CCT>5000, LED chandelier luminaire on the ceiling. Material: Metal/Acrylic, round type, Dia above 30inch, inbuilt luminaire, Body Colour: Gold. The luminaire model to be installed shall be approved by Engineer-In-Charge. The luminaire shall be installed at ceiling and connected to the existing wiring using suitable connectors. All accessories required for installation shall be in contractor's scope.
- 2.11** Supply & installation of switch/socket/regulator on the existing switch box/cover including connections etc as required. Installation, connection & commissioning of 5A switch, 5A socket, 15A Switch/socket, bell push, Penta type (Square type) fan regulator on the existing switch board. Cutting of wooden switch board cover required for installation of the above is in contractor's scope.
- 2.12** Supplying and installation 18" x 12" size of phenolic laminated sheet cover in front for existing switch box. White colour phenolic laminated sheet to be supplied.
- 2.13** Supply, installation, connection & commissioning of Decorative type wall lamp with B22 bulb holder including 9W LED bulb. Superior quality white glass diffuser, metal antique body with brushed nickel finish. The luminaire model to be installed shall be approved by Engineer-In-Charge. The luminaire shall be installed on the wall and connected to the existing wiring using suitable connectors. All accessories required for installation shall be in contractor's scope.



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2.14 Supply, installation, connection & commissioning of Geyser

Capacity 15Ltrs,

Voltage: 230 Volts AC, 50 Hz.

Mounting: Suitable for vertical mounting.

Installation inside Guest house toilets wall. Connection to existing water line using standard geyser flexible braided pipe. All accessories to complete and commissioning the geyser is in contractor's scope.

2.15 Supply, installation, connection & commissioning of Insect-o-cuter

Dual calling type, UV lamp

Model: 2 x 20W

Lamps: 2 x 24"

Installation on the Guest house wall and connect to the existing supply using necessary connectors. All accessories to complete and commissioning the insect o-cuter is in contractor's scope.

2.16 The work schedules at the time of execution will have to be planned in co-ordination with the Engineer-in-charge and guest house staff, in order to avoid interferences with guest house functions.

3. TECHNICAL SPECIFICATION:

Sr. No	ITEM	SPECIFICATIONS
1	MCB	<ul style="list-style-type: none">Rated short circuit capacity 10kAC curve MCBProtection: IP20Rated voltage & frequency: 240V & 50HzConforming to IS/IEC: 60898-1 2002 with latest amendmentsBreaking capacity not less than 25KA.
2	Wires	<ul style="list-style-type: none">650/1100V GradePVC InsulatedConforming to IS: 694/1990 with latest amendments
3	SWITCHES, SOCKETS, GANGBOX, A.C METALCLAD BOX & TOP PIN AND FAN REGULATORS	<ul style="list-style-type: none">Confirming to relevant IS Specification with latest amendmentsProtection IP20



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4	CASING CAPPING	<ul style="list-style-type: none">• Colour: White
5	Light Fixtures	<ul style="list-style-type: none">• Confirming to relevant IS Specification with latest amendments
6	Lamps and Tubes	<ul style="list-style-type: none">• Confirming to relevant IS Specification with latest amendments
7	Ceiling fans	<ul style="list-style-type: none">• Ceiling fan Size:1200mm
8	Cable lug & Cable Gland	<ul style="list-style-type: none">• Confirming to relevant IS Specification with latest amendments
9	PVC conduit pipes	<ul style="list-style-type: none">• Confirming to relevant IS Specification with latest amendments
10	LDB	<ul style="list-style-type: none">• CRCA sheet/FRP double door DB and ensure smooth, scratch resistant surface coatings, suitable for flush type mounting.• Confirming to IEC 60647-2• With bus bar, neutral link and earth bar.• IP43 protection,

4 SPECIAL TERMS AND CONDITION:

- 4.1 The contractor at his own cost may visit MPA site, before quoting for the tender if necessary.
- 4.2 Power supply and water shall be provided to contractor free of cost from the nearest available point for execution of the work however the supply cable has to be arranged by the contractor.
- 4.3 All the material required for execution of the work has to be arranged by contractor at his own cost.
- 4.4 After completion of the subject work, the contractor shall clear the area of any unwanted scrap while handing over. As the work location is a guest house, the contractor shall ensure neatness in all works and if any work is found to be untidy the contractor shall re-do or re-dress the same to the satisfaction of the contractor.
- 4.5 Work shall be carried out following all environmental norms.
- 4.6 Contractor shall follow all safety regulations as per relevant and prevailing standards.
- 4.7 All the old electrical removed fixtures shall be handed over to MPA at Baina.



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ANNEXURE-II

Name of the Tender: **REPLACEMENT OF ELECTRICAL FIXTURES & REWIRING AT
PORTS GUEST HOUSE**

Sr. No.	Description of work	Unit	Qty.	Rate per Unit (Exclusive of GST)	Amount exclusive of GST	GST %
1	Supply & Wiring with PVC insulated 3 x 1.5 mm ² multi strand copper wire in PVC rigid conduit pipe of suitable size with Junction box, bend, Tee clamps and other accessories, connect with 6 Amp Piano switch, fix on wooden board for the following points;					
	a) Light point	Nos.	8			
	b) Fan point	Nos.	6			
	c) 5 Amp plug points.	Nos.	6			
2	Supply, installation and connection for 5 pin 6 Amp socket with 6 Amp switch on common switch board.	Nos.				
	Supply	Nos.	6			
	Installation & Commissioning	Nos.	6			
3	Supply, Installation and commissioning for 5 pin 15 Amp switch socket.					
	a) Supply	Nos.	13			
	b) Installation, connection & commissioning	Nos.	13			
4	Supply, Installation and commissioning of Metal clad boxes with 20A MCB for A.C. with metal socket & top pin.					
	a) Supply	Nos.	3			
	b) Installation, connection & commissioning	Nos.	3			
5	Supply & Wiring with 2 x 2.5 mm ² + 1 x 1.5 mm ² copper wire through separate PVC casing capping from light DB to AC points. 3 Nos.	m	30			
6	Supply, installation and connection of 12 way SPN lighting DB's with 3 PN 32 Amp MCB – 1 No, & 10 – 32 Amp single pole MCB, 8 Nos.					
	a) Supply	Nos.	1			
	b) Installation, connection & commissioning	Nos.	1			
7	Supply and wiring with 4 x 4 mm ² + 1 x 1.5 mm ² copper wire through PVC casing capping for lighting circuit from main panel to light DB at Dormitory.	m	20			
8	Supply, installation and connection of 18/ 20 Watts batten type LED tube light fixtures on the wall & ceilings including ceiling rose, round block and accessories					
	a) Supply	Nos.	45			
	b) Installation, connection & commissioning	Nos.	45			
9	Supply, installation and connection of 1200 mm sweep ceiling fan including wiring the down rods of standard length with 1.5sq.mm FRLS PVC insulated, copper conductor, single core cable, ceiling rose, hooks etc as required. Style: Body Ring with Trim, Extra wide blade.					



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	a) Supply	Nos.	30			
	b) Installation, connection & commissioning	No.	30			
10	Supply & Installation of 40 W & above, 230V, CCT>5000, LED chandelier luminaire on the ceiling. Material: Metal/Acrylic, round type, Dia above 30inch, inbuilt luminaire, Body Colour: Gold					
	a) Supply	Nos.	40			
	b) Installation, connection & commissioning	Nos.	40			
11	Supply & installation of switch/socket/regulator on the existing switch box/cover including connections etc as required					
	a) 5A switch	Nos.	125			
	b) 15A Switch Socket 5 pin	Nos.	9			
	c) 5A socket 5 pin	Nos.	11			
	d) Bell push	Nos.	1			
	e) Penta type fan regulator	Nos.	25			
12	Supplying and installation 18" x 12" size of phenolic laminated sheet cover in front for switch box	Nos.	2			
13	Supply, installation, connection & commissioning of Decorative type wall lamp with B22 bulb holder including 9W LED bulb. Superior quality white glass diffuser, metal antique body with brushed nickel finish					
	a) Supply	Nos.	30			
	b) Installation, connection & commissioning	Nos.	30			
14	Supply, installation, connection & commissioning of Geyser Capacity 15Ltrs, Voltage: 230 Volts AC, 50 Hz. Mounting: Suitable for vertical mounting					
	a) Supply	Nos.	25			
	b) Installation, connection & commissioning	Nos.	25			
15	Supply, installation, connection & commissioning of Insectocuter Dual calling type Model: 2 x 20W Lamps: 2 x 24"					
	a) Supply	nos	4			
	b) Installation, connection & commissioning	nos	4			
TOTAL(Exclusive of GST)						

(In words Rupees _____ only)

Note: 1) The rates quoted above shall be exclusive of GST.



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- 2) Applicable GST shall be paid to the concerned authority by the Contractor and documentary evidence of the same shall be produced to MPA for reimbursement at actual
- 3) The quantity shown in the BOQ are tentative and Payment will be done as per actual quantities executed at site.