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MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT
ELECTRICAL HEADLAND SECTION

NOTICE INVITING BUDGETORY OFFERS

Name of Work	“ELECTRICAL REPAIR WORKS AT PORT’S GUEST HOUSE”
Date of submission of budgetary quotation	On or Before 30.05.2024 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

Sub: "ELECTRICAL REPAIR WORKS AT PORT'S GUEST HOUSE"

Ref: Budgetary Quotation No. CME/XEN(E-HL)/HL03/2024/02

Mormugao Port Authority intends to carryout work of **"ELECTRICAL REPAIR WORKS AT PORT'S 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 **30.05.2024** at **1500** Hrs.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

TITLE OF WORK: “ELECTRICAL REPAIR WORKS AT PORTS GUEST HOUSE”

1. GENERAL

Mormugao Port Authority proposes to carry out minor Electrical repair works 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, 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.
- 2.2** Supply & Wiring with 2 x 2.5 mm² + 1 x 1.5 mm² copper wire through separate PVC casing capping from light DB to 05 nos. AC metal clad box. Casing capping to be carried out using suitable Tee's and elbow covers and fasten the casing for every meter.
- 2.3** Supply, installation and connection of 12 way SPN lighting double door DB's with 3 PN 63 Amp MCB – 1 No, & 20 – 32 Amp single pole MCB, 8 Nos. Installation to be carried out at Dormitory building wall. The DB shall be metal surface mounted and pre-wired including termination points for earthing and neutral strips.
- 2.4** 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 elbow covers and fasten the casing for every meter. Termination of wires using suitable lugs and glands at Main panel and lighting DB.
- 2.5** Supply & Installation of 45 W & above, LED Chandelier luminaire comprising of 05 Nos. LED bulbs, 230V, CCT>5000, 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 sample should be approved by Engineer in charge and shall be installed at ceiling and connected to the existing wiring using suitable connectors. All accessories including chain link required for installation shall be in contractor's scope.

- 2.6** Supply & Installation of 30 W & above, LED Chandelier luminaire comprising of 03 Nos. LED bulbs, 230V, CCT>5000, 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 sample should be approved by Engineer In charge and shall be installed at ceiling and connected to the existing wiring using suitable connectors. All accessories including chain link required for installation shall be in contractor's scope.
- 2.7** 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 should be approved by engineer in charge and 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.
- 2.8** 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.
- 2.9** The items specified at 2.5, 2.6 and 2.7 shall be of the same pattern to maintain uniformity in the Guest house.
- 2.10 Supply, installation, testing & commissioning of Geyser**
Capacity 15Ltrs,
Voltage: 230 Volts AC, 50 Hz.
Mounting: Suitable for vertical mounting.
Installation inside Guest house toilet 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.
- 2.11 Supply, installation, testing & 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.
- 2.12** The work schedules at the time of execution will have to be planned in co-

ordination with the Engineer-in-charge and guest house management, 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 10kA • C curve MCB • Protection: IP20 • Rated voltage & frequency: 240V & 50Hz • Conforming to IS/IEC: 60898-1 2002 with latest amendments • Breaking capacity not less than 25KA.
2	Wires	<ul style="list-style-type: none"> • 650/1100V Grade • PVC Insulated • Conforming 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 amendments • Protection IP20
4	CASING CAPPING	<ul style="list-style-type: none"> • Colour: White
5	Light Fixtures	<ul style="list-style-type: none"> • Confirming to relevant IS Specifications with latest amendments
6	Lamps	<ul style="list-style-type: none"> • Confirming to relevant IS Specifications with latest amendments
7	Cable lug & Cable Gland	<ul style="list-style-type: none"> • Confirming to relevant IS Specification with latest amendments
8	PVC conduit pipes	<ul style="list-style-type: none"> • Confirming to relevant IS Specification with latest amendments

9	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,
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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.
- 4.8 All tools tackles including instruments, ladder and logistics involved for shifting of man & material is in the scope of the contractor.
- 4.9 Guest house being a very prominent installation being visited by top VVIP's and guests, extra care is to be taken for high level of workmanship and neatness of the work.

PRICE SCHEDULE**Name of the Work: Electrical Repair Works at Guest House**

Sr. No.	Description of work	Unit	Qty.	Rate per Unit (Exclusive of GST)	Amount exclusive of GST	GST %
1	Supply, Installation and commissioning of Metal clad boxes with 20A MCB for A.C. with metal socket & top pin.					
	a) Supply	Nos.	5			
	b) Installation, testing & commissioning	Nos.	5			
2	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	50			
3	Supply, installation and connection of 12 way SPN lighting DB's with 3 PN 63 Amp MCB – 1 No, & 20 – 32 Amp single pole MCB, 8 Nos.					
	a) Supply	Nos.	1			
	b) Installation, testing & commissioning	Nos.	1			
4	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			
5	Supply & Installation of 45 W & above LED chandelier luminaire, 230V, CCT>5000, on the ceiling. Material: Metal/Acrylic, round type, Dia above 30inch, inbuilt luminaire, Body Colour: Gold No. of lamps: 05Nos.					
	a) Supply	Nos.	25			
	b) Installation, testing & commissioning	Nos.	25			
6	Supply & Installation of 30 W & above LED chandelier luminaire, 230V, CCT>5000, on the ceiling. Material: Metal/Acrylic, round type, Dia above 30inch, inbuilt luminaire, Body Colour: Gold No. of lamps: 03Nos.					
	a) Supply	Nos.	20			

	b) Installation, connection & commissioning	Nos.	20			
7	Supplying and installation 18" x 12" size of phenolic laminated sheet cover in front for switch box	Nos.	2			
8	Supply, installation, testing & 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.	40			
	b) Installation, testing & commissioning	Nos.	40			
9	Supply, installation, testing & commissioning of Geyser Capacity 15Ltrs, Voltage: 230 Volts AC, 50 Hz. Mounting: Suitable for vertical mounting					
	a) Supply	Nos.	25			
	b) Installation, testing & commissioning	Nos.	25			
10	Supply, installation, testing & 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) exclusive of GST

- Note:** 1) The rates quoted above shall be exclusive of GST.
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 indicative and Payment will be done as per actual quantities executed at site.