

NOTICE INVITING BUDGETORY OFFERS

Name of Work	“ELECTRICAL WORKS OF BUNGALOW NO. 7 LOCATED AT HOD ENCLAVE”
Date of submission of budgetary quotation	On or Before 13.12.2024 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, 2594241 Email : xene.mgpt@gmail.com
Website	www.mptgoa.gov.in

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

Sub: "ELECTRICAL WORKS OF BUNGALOW NO. 7 LOCATED AT HOD ENCLAVE"

Ref: Budgetary Quotation No. CME/XEN (E-HL)/HL03/2024/09

Mormugao Port Authority intends to carryout work of **"ELECTRICAL WORKS AT BUNGALOW NO. 7"**.

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 **13.12.2024** at **1500** Hrs.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HL)

TITLE OF WORK: "ELECTRICAL WORKS OF BUNGALOW NO. 7 LOCATED AT HOD ENCLAVE"

1. GENERAL

Mormugao Port Authority proposes to carry out Electrical wiring works and replacement of existing switch boards with modular switch boards at Bungalow no. 7 located at HOD Enclave as per technical specifications.

2. SCOPE OF WORK

- 2.1** The Scope of work includes Supply, Installation, Testing and commissioning of Modular Surface mount Switchboards of various modules as detailed in Bill of Quantities (BOQ). All the existing old type switchboards shall be removed and replaced with modular surface mount switch boards, the details of which are indicated in BOQ.
- 2.2** Supply, installation, testing and commissioning of Electrical items. The details of which are indicated in BOQ.
- 2.3** Supply, Installation, testing and commissioning of 3 nos instant water Geyser of 1 litre capacity. Same shall be installed one in each bathroom.
- 2.4** Supply of 3nos exhaust fans of size 230mm sweep and Installation of same with suitable mounting frame.
- 2.5** The following wiring of additional points shall be carried out. The wiring shall be of concealed type.
- I. Installation of 2 module socket for AC (to be installed close to AC) and concealed wiring with 2 x 4 mm² + 1 x 1.5 mm² copper wire through PVC conduit pipes suitable for concealed wiring for AC point in office at ground floor. The 2 module 16A switch for AC shall be provided in main switch board of room. The existing point shall be removed.
 - II. Supply and installation of 2 module socket for AC (to be installed close to AC) and concealed wiring with 2 x 4 mm² + 1 x 1.5mm² copper wire through PVC conduit pipes suitable for concealed wiring for AC point in lower Bedroom. The 2 module 16A switch for AC shall be provided in main switch board of room. The supply shall be tapped from existing 15A combined switch socket point in kitchen, which shall be removed.
 - III. Installation of 2 nos two way modular Switch along with single module Surface mount switch boards and concealed wiring with 2 x 1.5mm² copper wire

through PVC conduit pipes suitable for concealed wiring near staircase. Existing casing capping shall be removed.

- IV. Installation of 2 module socket for AC (to be installed close to AC) and concealed wiring with 1 x 1.5mm² + 2 x 4 mm² copper wire through PVC conduit pipes suitable for concealed wiring in room on 1st floor. The 2 module 16A switch for AC shall be provided in main switch board of room. Existing casing capping shall be removed.
 - V. Installation of 2 module socket for AC (to be installed close to AC) and concealed wiring with 1 x 1.5mm² + 2 x 4 mm² copper wire through PVC conduit pipes suitable for concealed wiring in adjacent master bed room on 1st floor. The 2 module 16A switch for AC shall be provided in main switch board of room.
 - VI. Installation of 3 nos 2 module 16 amps socket for Geyser (to be installed close to geyser) and concealed wiring with 1 x 1.5mm² + 2 x 4 mm² copper wire through PVC conduit pipes suitable for concealed wiring in all 3nos bathrooms. The single module 16A switch for geyser shall be provided in main switch board of the respective bathrooms.
- 2.6** Shifting of existing 3 phase energy meter from garage to veranda. Cable shall be routed as required by drilling holes to the wall. The final appearance after rerouting the cable shall be aesthetic.
- 2.7** The existing phase selector changeover switch shall be bypassed and removed.
- 2.8** All the existing switch boards shall be removed.

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	Modular Switch Boards switches, sockets, and fan regulators	<ul style="list-style-type: none"> • Confirming to relevant IS Specification with latest amendments • Protection IP20
4	Geyser	<ul style="list-style-type: none"> • 1 litre capacity instant geyser • Voltage: 230 Volts AC, 50 Hz. • Mounting: Suitable vertical mounting.
5	PVC conduit pipes	<ul style="list-style-type: none"> • Confirming to relevant IS Specification with latest amendments

4. Completion Period:

4.1 The entire work shall be completed within 45 days from date of issue of Letter of Acceptance (LOA).

5. Security Deposit:

5.1 An amount equivalent to 10% of the contract value shall be deducted from the invoice generated by the Contractor and withheld as Security Deposit.

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

5.3 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 fulfil 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.

6. Payment Terms:

6.1 100% payment after satisfactory completion of all the works.

6.2 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).

6.3 The contractor shall furnish their bank account details along with copy of the PAN card and GST Registration. The payment will be made in ECS mode.

7. SPECIAL TERMS AND CONDITION:

- 7.1** The contractor at his own cost may visit MPA site, before quoting for the tender if necessary.
- 7.2** 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 and associated switchgear has to be arranged by the contractor.
- 7.3** All the material required for execution of the work has to be arranged by contractor at his own cost.
- 7.4** 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.
- 7.5** Work shall be carried out following all environmental norms.
- 7.6** Contractor shall follow all safety regulations as per relevant and prevailing standards.
- 7.7** All the old electrical removed fixtures shall be handed over to MPA Scrapyard at Baina by using his own transport and manpower.
- 7.8** Payment will be made as per actual quantities and actual service items executed.

PRICE SCHEDULE

**NAME OF THE WORK: ELECTRICAL WORKS OF BUNGALOW NO. 7 LOCATED
AT HOD ENCLAVE**

Sr. No	Description	Qty.	Unit	Rate	Amount (Excl. of GST)
1.	Supply, Installation, Testing and Commissioning of Modular Switch Boards and its accessories				
a.	Supply				
i	1 module metal box with plates	6	nos		
ii	2 module metal box with plates	10	nos		
iii	3 Module metal box with plates	15	nos		
iv	4 Module metal box with plates	2	nos		
v	6 module metal box with plates	2	no		
vi	8 Module metal box with plates	5	nos		
vii	10 module metal box with plates	3	nos		
viii	14 module metal box with plates	1	no		
ix	24 Module metal box with plates	1	no		
x	Modular Bell switch (1 Module)	2	nos		
xi	Modular Switch 6A	65	nos		
xii	Modular Socket 10A	10	nos		
xiii	Modular Switch 16A (1 Module)	10	nos		
xiv	Modular Switch 16A (2 Module)	10	nos		
xv	Modular Socket 16A	10	nos		
xvi	2 way switch (1 Module)	2	nos		
xvii	Electronic Fan regulator (2 Module)	10	nos		
xviii	Blank plate	15	nos		
b.	Installation, Testing and Commissioning.	01	No		
2.	Supply, Installation, Testing and Commissioning of Electrical items				
a.	Supply				
i	MCB 25 Amps single pole	4	nos		
ii	1.5 sqmm single core multistrand cu wire	150	mts		
iii	4 sqmm single core multistrand cu wire	300	mts		
iv	Ceiling Rose	30	nos		
v	Round plate 4" Dia	45	nos		
vi	Round plate 6" Dia	15	nos		
vii	Conduit Pipes with suitable Tees and elbows	150	nos		
b.	Installation, Testing and Commissioning	01	No		
3.	Supply, Installation, Testing and Commissioning of Instant Water Geyser 1 litre (As per Technical specifications)				
a.	Supply	03	Nos		

b.	Installation	03	Nos		
4.	Supply installation testing and commissioning of exhaust fans 230 sweep (As per Technical specifications)				
a.	Supply	03	Nos		
b.	Installation	03	Nos		
5.	Wiring of additional points by using concealed type of wiring (As per technical specifications)	150	mts		
6.	Shifting of 3 phase Energy meter (As per Technical specifications)	01	No		
7.	Removal of phase selector Changeover JB (As per Technical specifications)	01	no		
8.	Removal of Existing switch boards. (As per Technical specifications)	25	Nos		
TOTAL					

(In words Rupees _____ only)

Date:

Signature:

Place:

Name:

Address:

Office Seal of firm

Note: The offered rates shall be exclusive of GST.