

MALDA ZILLA PARISHAD

Malda – 732101

ABRIDGED NOTICE INVITING e-TENDER

NIQ 04e of 2023-24

Online quotations on Item-Rate-Basis in prescribed proforma in plain paper for the sake of completing the time bound work with full safety and responsibility in respect of the Malda Zilla Parishad are hereby invited by the undersigned from resourceful experienced and responsible agencies having satisfactory credentials for similar nature of work.

Name of the work: -

1. Supply, installation, and commissioning of six passenger lift at BSAA under Malda Zilla Parishad, Malda.

Specification:

Technical features

1. **Manufacture & design:** all materials use and the design of that is as per international standard.
2. **Motor:** as per specification a high torque motor designed will be provided of make lift duty make.
3. **Worm gear:** the worm gear will be specially also silent in operation with lift duty make.
4. **Brake:** an electro mechanical brake normally in closed position and open whenever elevator is in operation.
5. **Machine unit:** machine unit consists of all the components mentioned above. it is a driving sheaves ferrow-manganese single wrap traction sheave, all mounted on a fabricated machine bed.
6. **Controller:** Monarch make controller is the major items of elevator, which controls its movement. Its gives different voltages for various (400 v AC for motor operation, 150 V DC for Control circuit brake etc.15-20 V A.C for Signals. Controller is having the other following basic system i.e. Phase resale Protection , single , Single phasing prevented. Time delay relays H.R.C. fuse, for motor H.r.C. fuse for control.
7. **Rope:** rope used for 132 mm Usha martin.
8. **Car frame:** car frame is of mild steel which supports the car platform and enclosure. it is fitted with self-aligning guide shoe with H.M. liner and safety device. Total car frame is suspended by steel wire ropes with spring-loaded hitches.
9. **Car platform** is made of hard wood supported on mild steel frame and with selected PVC flooring on top.

10. **Car enclosure:** car encloses is stainless steel with all the sides and provided with a.c. cabin fan, suitable lighting. Entrance is protected.
11. **Car operating panel:** fitted car enclosure on aluminum face plate with various push buttons is installed for operation of elevator. An emergency switch is provided on the panel to stop the elevator whenever required.
12. **Landing:** stainless steel glass automatic door used for protection of landing entrance.
13. **Guide rail:** size of main rail: 65mm x 65mm x 16mm. and size of counter rail: 70mm x65mm x 9mm
14. **Operation and fixtures:** (a) landing push button with single button for up and down direction near to landing doors. (b) One no. car operating push button station. (c) Digital display arrow for up &down direction. (d) Face plates - stainless steel.
15. **VVVF drive:** monarch or equivalent make vvvf drive will be given by us.
16. **others:** all other parts used for elevator erection is as per international standard
17. **ard:** ard will be given by us

Specification of Equipment:-

- 1) Quantity :-01(One)
- 2) Type:- Automatic Passenger Elevator
- 3) Load:- 6 Passenger (408 Kgs)
- 4) Speed:- 0.63 Mts/Sec
- 5) Control :- Microprocessor
- 6) Car Travel:- Ground Floor To 4rd Floor
- 7) Floor Rise (available):- About 15 Meters
- 8) No. of Opening:-5
- 9) No. of Stops:- 5
- 10)Floor Designations:- G,1,2,3,4
- 11)Operations:- Down collective with /Without Attendant.
- 12)Landing Entrance:- SS Automatic Door.
- 13)Car Enclosure:- SS Design Cabin 304 Grade
- 14)Car Entrance Door :- SS Center Opening Door
- 15)Car Flooring:- P.V.V. Tiles
- 16)Clear Door Opening:- About 700 mm wide 2000 mm High
- 17)Lift Well(Available) Width x Depth
- 18)Door Operation:- Automatic
- 19)Car Inside :- As Per Cad Drawing
- 20)Reduction Gear:- 3 Double Worm Transaction
- 21)Motor:- 3 Phase Lift Duty Motor
- 22)Power Supply:- 3 Phase Lift Duty Motor
- 23)Power Supply :- 440 Volts,3 Phases, 50 hz. A.C. / 230 Volts, 1 phase, 50 Hz. A.C.
- 24)Machine Room Position:- Directly Above the lift Shaft
- 25)Wire –Ropes- 13 MM Usha Martin Make
- 26)Installation :- At Site
- 27)Overhead (required) 4200mm.
- 28)Pit(required):- 1200mm.
- 29)Machine Room(Available)

Terms & Conditions: