

Government of India
Bhabha Atomic Research Centre
Electronics Division

Modular Labs.,
Trombay,
Mumbai 400 085.

Ref: BARC/ED/2017/ 707

Dated 08/08/2017.

Sub: Minor Fabrication-Invitation of quotations
for VERTICAL AND ROLLER WINDOW BLIND

Dear Sirs,

1. Quotations are invited for the minor fabrication job as per the enclosed specifications.
2. GST tax as applicable will be deducted from your bill.
3. Taxes shall be quoted separately. Form AF shall be provided where necessary.
4. The quotations must reach, Head Electronics Division by 28/08/2017 and must be sent in a sealed envelope superscribed with the above reference number and due date given above.
5. The address on the envelope should read:
The Head, Electronics Division,
Bhabha Atomic Research Centre,
Modular Labs., Trombay, Mumbai 400 085.
Attn.: Anita Behere
6. The fabrication work shall be subject to inspection by our officer. The finished components shall not be dispatched prior to approval by our engineer at bidder's works.
7. The bidder shall deliver the finished components after approval by our engineer, within 4 weeks from the date the firm order issued to the bidder.
8. Head Electronics Division, BARC reserves the right to accept/reject any or all quotations without assigning any reason.
9. Enclosed Confidentiality Clause.

Encl: Specifications


7/8/17

(Smt Anita Behere)
Head, Electronics Division

अनिता बेहेरे / ANITA BEHERE

अध्यक्ष, इलेक्ट्रॉनिक्स विभाग / Head, Electronics Division
भारत सरकार / Government of India
भाषा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre
दुर्ग, मुंबई / Trombay, Mumbai - 400 085.

1.0 Confidentiality Clause

- 1.1 No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as

“Proprietary” in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

1.2 “Restricted information” categories under Section 18 of the Atomic Energy Act, 1962 and “Official Secrets” under Section 5 of the Official Secrets Acts, 1923:-

Any contravention of the above-mentioned provision by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

1.3 Prohibition against use of BARC's name without permission for publicity purposes:-

The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, TV or Internet without the prior written approval of BARC.

Annexure 'A'

Quantity and Cost of proposal

In Rupees

| 1 | 2 | 3 | 4 | 5 |
|-------|--|---|----------------------------|------------------------|
| SI No | Name of items | Qty | Estimated Cost Per Sq. ft. | Total cost 3 X 4 + GST |
| 1 | Fabrication of vertical and roller window blinds of ESC Building, Electronics Division's rooms, BARC, Mumbai-85. | Total Approx 2260 sq. ft.. Window Area. | | |

Basic cost = Total Approx Window area 2260 SQ. FT. @ PER SQ. FT. =

Taxes, etc. = GST

Transportation = Nil

Others = Nil

Total Estimated Cost = + GST

Note

1. Values in columns 4 are to be mentioned in terms of rate per unit
2. Value to be indicated in column 5 is to be derived by suitable analysis of rates mentioned in columns 3 to 4
3. Nomenclature of items to be used with details, drawing, scope of work etc to be indicated.

Technical Specifications for the fabrication of vertical and roller window blinds

Fabrication of vertical window blinds and roller blinds for 74 windows of total size 2100 sq ft and 6 glass panes of total 160 sq ft (Total Area of 2260 sq ft) as per the detailed specifications below.

A. The window blinds shall be installed in the rooms as per the directions of the purchaser and details of windows are as below. The size provided here is only for quotation and supplier shall fit the blind to the actual size of the window, if any variation exists as per the directions of purchaser. The total area shall be 2260 Sf ft. It is proposed to use Vertical window blinds to 74 windows and roller blinds to 6 glass panes. The option of vertical window blind and roller blinds shall be finalised as the directions of the purchaser to suit the room.

Type of window: **Type 1 :- 5 ¼ ft × 4 ft, Type 2 :- 5 ¼ ft × 5 ft, Type 3 :- 5 ¼ ft × 10 ¼ ft, Type 4 :- 8 ft × 6 ft, Type 5 :- 7 ft × 3 ½ ft, Type 6 :- 8 ft × 3 ½ ft, Type 7 :- 8 ft × 4 ½ ft,**

| Window type | Total windows | Total Sq ft |
|-------------|---------------|-------------|
| Type 1 | 20 | 420 |
| Type 2 | 21 | 578 |
| Type 3 | 1 | 54 |
| Type 4 | 4 | 192 |
| Type 5 | 16 | 392 |
| Type 6 | 14 | 392 |
| Type 7 | 2 | 72 |
| All type | 74 | 2100 |

Fitting before rallying (2 × 26 ft × 8 ft) = 416 sq. Ft.

For front side glass wall of conference room: **Roller blinds**

| Size | Total Glass Pane | Total Square Feet |
|---------------|------------------|-------------------|
| 9 ft × 5 ft | 2 | 90 |
| 7 ft × 1¾ ft | 2 | 24.5 |
| 7 ft × 3 ¼ ft | 2 | 45.5 |
| Total | 6 | 160 |

B. The vertical window blinds and roller blinds shall be of long lasting mechanism with facility to fully open/close the blinds and change the angle for vertical blinds. The material for the blinds shall be as per the following specifications:

1. composition : 30% polyster, 70 % PVC
2. Openness Factor : 5 % Maximum. Close to zero preferred.
3. Colour: : Cream (Other colours to be approved by purchaser)

- 4. Width : 100 mm (As per the directions of purchaser)
- 5. Breaking strength (N) : >1300 x > 1200
- 6. Color Fastness : ISO 105 B02, Grade 8
- 7. Anti-Ultraviolet : 95 %
- 8. Fire Classification : NFPA 701, BS 5867 PART 2 – TYPE A

C. The vertical blind shall be fabricated using long lasting mechanism as per the following specifications

- i. **Track** – The track shall be made for the system, using extruded aluminium alloy Aa6063 T5 section 45 mm deep by 25 mm high with wall thickness 1.1 mm.
- ii. **Track colour and Finishing** - The track shall have weight chains /chinless weight /sealed pockets.
- iii. **Stat Hooks** - Stat Hooks shall be removable, without the need to disassemble the track.
- iv. **Stat weight** – Stat weight with ears : Ears Must be bend back towards body thought at least 45 degrees without cracking.
- v. **Stat travellers** - The track shall be contain the self-signalling mechanism to ensure venes realign if disturbed. Stats shall be equally spaced.
- vi. **Clutch** - The vertical blind shall be contain the EOS worm gear Clutch mechanism.

D. The roller blind shall be fabricated using long lasting mechanism as per the following specifications

- 1. Window Shade System shall be a chain- operated roller system utilizing a bidirectional, wrap spring clutch. The system must be capable of smoothly raising and lowering the blind to any desired height, and maintaining that height with no slippage. Clutch size is adjusted based on the weight of fabric.
- 2. Clutch must not require any adjustment after installation. Clutch may be mounted in either end of the roller tube. The clutch shall be nylon construction and available in Black or White.
- 3. Operating loop may be #10 plastic bead chain or qualified #10 plated steel ball chain, with upper and lower stops. Plastic chain shall coordinate with the clutch colour selected.
- 4. Child safety device to be attached to the control chain and installed properly on site. Safety device colour shall coordinate with the clutch colour selected.
- 5. End plug shall be a spring loaded for easier installation. They shall be available in black or white and fit tightly into the tube.

6. Universal mounting brackets must be capable of mounting inside, outside, or to the ceiling, with the clutch on either the right or left end of the roller. All brackets shall be made of 0.060" plated steel.
7. Roller tube shall be extruded aluminium, made with alloy 6063-T5.
8. Cassette mounting brackets shall support both the roller tube and the cassette.
9. Cassette shall be installed to conceal the roller tube and mounting hardware. Cassette shall be made of extruded aluminium and shall be painted .
10. Cassette shall be able to accommodate a co-ordinated fabric insert.