

NAME OF WORK: Renovation of Aluminium windows and supplying and fixing of Aluminium grills at NSC Mumbai

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No.	Description	Qty	Unit	Rate	Amount
<p>Special Conditions:</p> <p>1) The below mentioned work is modification of existing Aluminium windows fixed in the 1st floor as well as 2nd floor connecting passages.</p> <p>2) The fixed glass windows have to be retained in alternate bays, and remaining portion have to be converted in to sliding windows. And in sliding windows portion the Aluminium grills with frames have to be fixed from out side.</p> <p>3) The new aluminium sliding window sections have to be fabricated at site and weight of sections have to be as per the detailed items as below, and should be available for checking, before fixing.</p> <p>4) Quantities of Individual items may vary depending on the site requirement.</p>					
1	Removing doors and Aluminium windows with frames and stacking the materials as directed with all leads, lifts etc. (or) Cutting and removing portion of Aluminium frame for fixing sliding windows complete.	33.90	Sqm	52.85	1,791.62
2	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box	33.00	Sqm	4592.00	151,536.00
3	Providing and fixing in position. (as per I.S.1868 / 1982) Aluminium sliding window of two tracks with rectangular pipe having overall dimension 63.50 x 38.10 x 1.02 mm at weight 0.547 kg/Rmt. and window frame bottom track section 61.85 x 31.75 x 1.20 mm at weight 0.695 kg/Rmt. Top and side track section 61.85 x 31.75 x 1.30 mm at weight 0.659 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. And handle section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer in charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass with all required screws and nuts etc, complete. With powder coating with box	1.73	Sqm	4796.00	8,297.08

6	Providing and fixing in position aluminium fixed window fully glazed of any size as per detailed drawing and as directed by Engineerincharge with all necessary alluminium sections including necessary fixtures and fastening such as 5 mm thick clear float glass etc. complete. With powder coating Note While arriving at the rate of item weight at 6.90 kg/Sqm is considered.	5.00	Sqm	3789.00	18,945.00
9	Providing and fixing aluminium grill diamond mesh type DG202 of 7.5 mm thick including fixing in position anodised aluminium frame section of 80 x 38 mm x 1.22 mm size box, cutting to the required size with all wastage , labour, lead lift etc. complete.	39.00	Sqm	4429.00	172,731.00
10	Providing and fixing in position aluminium openable window of any size as per detailed drawing and as directed by Engineerincharge with all necessary alluminium sections including necessary fixtures and fastening with 5 mm thick clear float glass etc. complete. b) With powder coating Note While arriving at the rate of item of item weight at 6.90 kg/Sqm is considered. This work has to be carried out after removing the exisitg windows and fixing additional required (L pipes etc) Aluminium Sections for modifying the windows	3.00	Sqm	5489.00	16,467.00
11	<u>Buy back for Old Aliumiium sections</u> (Less)	75.00	kg	140.00	10,500.00
Total					359,267.70
Add 12 % GST					43,112.12
total					402,380.00

Note: The agencies has to visit site and asses the work nature before quoting for the work

1) The agency has to arrange / bring suitable ladder, scaffolding materials considering the height of works being in 1st floor / 2nd floor.

2) The rates quoted by the party to include scaffolding, ladders, and final cleaning, safety belts and helmets for the workers, for all locations like walls, ceiling, sloping roofs and in all floors and heights and depths, and for all shades with cost of all materials, labour, scaffoldings, T & P, hire & running charges of machinerics, ladders,s etc. required for the efficient execution of work.