

Repair of Existing Aluminium Chequered Plate Platform in FMS Machine Loading / Un-loading Area, by providing 25X25X5mm MS L angle Support, 1inch thick hardwood base support, 4mm thick aluminium chequered plate, hardware items like bolt nut washers, painting for anti-rust and black enamel painting. The final dimension & measurement will be as per site condition, as per operators request and finalized by BEML Engineer In charge.

Two Step of Operator's Platforms were there. First step / bottom platform is of 6-inch ht. approximately and Second step / top platform is of 12-inch ht. approximately.

The Approximate dimensions of existing platforms are as under.

Bottom Portion : i)2.75 ft X 7.5 ft X 8 nos. = 168 sq. ft ii)2.75 ft X 5.5 ft X 2 nos. = 30 sq. ft. (total 198 sq. ft for 10 box)

Top Portion : iii)5.5 ft X 6 ft X 14 nos. = 462 sq. ft iv)5.5 ft X 13.5 ft X 1 no. = 75 sq. ft v)5.5 ft X 3.5 ft X 1 no. = 20 sq.ft vi)5 ft X 9ft X 1 no. = 45 sq. ft. (total 602 sq. ft for 17 box)

Approx. Bill of Materials is estimated as under:

1)Aluminium chequered plate 4mm thick – size for both First Step & Second Step platforms
---- Total 800 sq. ft X 1.15 (adding 15% wastage) = 920 SFT

OR say 44 nos. of sheet of size 4mm x 3' x 7' size. (924 sq. ft)

2)Hard plywood 1" thick – size for both First Step & Second Step Platforms - Total 800 sq. ft X 1.15 (adding 15% wastage) = 920 SFT

OR say 44 nos. of Hard wood /Neem Plywood sheet of size 1" x 3' x 7' size (924 sq. ft)

3)MS Material – 25 x 25 x 5 mm angle – size for both First Step & Second Step Platforms - 60 length (1 length = 20 ft. – for First Step – 10 box X 2 length for each = 20 length, for Second Step – 17 box X 2 length for each = 34 length, total 54 length. Add 10% wastage - approx. 60 length OR say **25x25x5mm x 20ft long – 60 length required.**

vi)Miscellaneous hardware items like Screws / Rivets / Bolt Nuts Washers etc. and painting items for 1 coat of Red oxide primer and 2 coats of black enamel painting.

Revised Estimation: (considering 8 boxes for bottom platform & 13 boxes for top platform)

Item no.	Item Description	Qty. in length / nos. / sq. ft	Material Cost	Labour Charges
1	MS Material 25 x 25 x 5 mm angle	44 Length		
2	1" thick hard plywood	656 sq. ft		
3	4mm thick aluminium chequered plate	656 sq. ft		
4	Miscellaneous Paint & hardware items like bolt nut rivet screw etc. and paint material for 1coat of Red oxide primer and 2 coats of Black enamel painting.	01 LOT		
5	Removal & Dismantling of existing damaged platforms & strengthening, surface preparation for plywood & Alu. Chequered platform	01 JOB		
6	Complete Labour cutting, welding, painting etc. as required.	01 JOB		
	G. Total			

Firm's Scope is to supply required materials like MS L Angle Iron, Hard Wood / Plywood aluminium chequered plates, required hardware items like screws / bolt nuts, required painting items like brushes, paint, thinner etc. for 1 coat of red oxide primer, 2 coats of black enamel painting, Complete Labour for metal cutting, gas cutting, welding, grinding, screwing, painting etc. includes Transportation, complete work as required at site / as per operators request and finalised by BEML Engineer In-charge. Any other materials and labour involved, which is not listed above is also in Firm's Scope, to complete the job as per Operator's Satisfaction and for intended usefulness.

Sign & Stamp of Firm

Note: This Annexure copy, which is duly filled up, signed & stamped copy to be enclosed while submitting the Bid.

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