

PART-II**ESSENTIAL DETAILS OF ITEMS/SERVICES REQUIRED FOR SECURITY GRILLS****1. Schedule of Requirements.**

(a) The project involves supply and installation of grill panels including transportation cost till completion of the project as per requirement. The items are required to be supplied at Army Public School, Bathinda.

(b) A total of 393 Grills of size 11'x2' will be installed/fixd on the walls of the corridors of APS, Bathinda. (Minimum variation of size as per space available)

2. Technical Details. List of items required for fabrication of security grill panels should confirm the following specification.

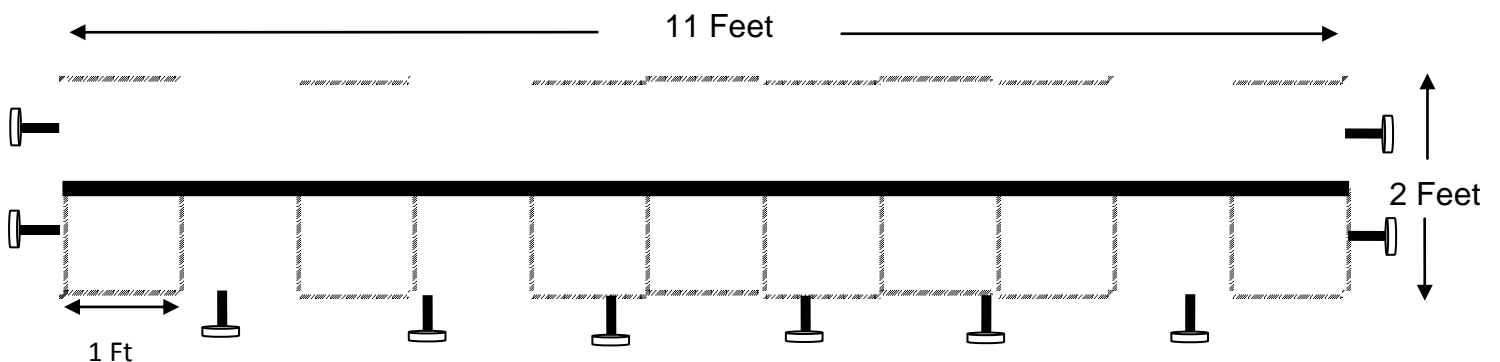
(a) **Mild steel square pipe.** Mild steel square grade bars of width not less than 1" (one inch) and SWG 16.

(b) **Mild steel flat patti.** Mild steel flat grade bars of thickness not less than 5mm.

(c) **Cast iron screws.** Minimum 4 inch cast iron screws of 5 mm diameter to fix grill on wall. (Four screws for fixing on vertical wall, six screws for fixing on horizontal wall)

(d) **Mild steel welding rod.** Welding rod used should be minimum 10 SWG (Standard wire gauge).

(e) **Welding.** Electric arc welding will be used for joints and the joint should take on load of at least 30 kg. The same will be tested with 30 Kg dummy load after fixing the grill panels for each set.



 **Cast Iron Screw (5 mm dia with length of 4 inch)**

 **MS Square pipe (1 inch) SWG-16**

 **MS Flat Patti (5mm) width 2 inch**

3. Painting to Iron Surfaces. Where painting to iron surface is indicated, prepare surfaces and apply two coats of synthetic enamel paint over a coat of primer as specified. Colour and shade for under coat and finishing coat shall be as approved.

4. Some of the minor details/items which shall be deemed to be essential for execution and the details of which are not specifically shown on drawings or not given in the particular specifications but are essential for execution of works/services in a sound and workman like manner to be followed as per relevant Indian Standards/ code of practice.

Company's Stamp/Seal

Signature_____

(Authorized Signature)

Date :

Name

5. **Make.** The quality and sizes of the various types of items provided or used while construction shall be conforming **to relevant technical specifications or higher.**

6. **Consignee Details.** Army Public School Bathinda

8. **Delivery Instructions.**

(a) **Place of Delivery.** APS Bathinda

(b) **Delivery & Fabrication of Security Grill Panels.** Fabrication and installation will be required at **Army Public School, Bathinda** premises as required by the purchase officer. The time for fabrication and installation is **45 days** from date of issue of supply order.

(c) The work will be completed within **45 days** from the date of issue of supply order. The work will be physically completed by due date and shall be received by consignee unit at the specified location.

(d) **The Tender can be cancelled unilaterally by the Buyer in case items are not received within the delivery period. Extension of delivery period with/without LD will be at the sole discretion of the Buyer.**

(e) Any items found not to conform to technical specification or defective due to any reason shall be rejected on receipt. The same items shall be replaced by the supplier at site free of cost within a period of seven days or period extended by the buyer. On failure to do so, the Principal, APS Bathinda will be at liberty to return the stores to the supplier at his risk and cost.

(f) One panel will be fabricated fitted and tested when approved and on issue of clearance by ATP bulk fabrication of other panels will commence.

Company's Stamp/Seal

Signature_____

(Authorized Signature)

Date :

Name