

Name of the work : Construction of the Structural Steel Supporting Structure for CSIR-CMERI Display Board at NPTI side Gate at CMERI Institute Premises.

Sub : Detailed Estimate of the Said Work.

Item Sl No	Brief Item Description	Unit	Quantity	Rate [in INR]	Amount [in INR]
1	Earthwork in excavation in foundation by mechanical means/manually disposing the excavated earth at a location as directed.	CuM	8.5		
2	Backfilling of foundation trenches by excavated earth with compaction in every 300 mm layers with proper watering & ramming etc complete in all respect as directed.	CuM	5.98		
3	Laying and Compacting PCC of nominal mix proportion 1:4:8 under the RCC Foundation.	CuM	0.44		
4	Laying and Compacting RCC of Nominal Mix 1:1.5:3 [M 20 Grade] in foundations and pedestals with Sand Conforming Grading Zone - II and Rounded and Graded Crushed Stone Aggregate vide IS: 383 etc complete in respect.	CuM	1.8		
5	Centering & Shuttering of RCC works in Foundations & Pedestals.	SqM	7.8		
6	Supplying, Cutting, Bending, Binding in position Rebars (HYSD/TMT Bars of Grade Fe 415/Fe 550) for RCC works etc.	KG	58		
7	Structural Steel Works in Square Hollow/Rectangular Hollow/Tubular Hollow Sections etc including Supplying, Cutting as per Requirements, Fabricating, Erecting in position by Erection Bolts followed by Final Welding [6mm Fillet Welds or V-Butt Welds as applicable/as directed]/as per Drawings to be provided, using Friction Grip Foundation Bolts [16 mm Dia, 4.6 Grade] to connect Square Hollow Sections with Gussset Plates etc and including also Priming Coat of Approved Steel Primer etc complete in all respect [Strictly as per the Drawings].	KG	1700		

13/12/16

8	Painting the Structural Steel Works with Synthetic Enamel Paint [SILVER COLOUR](BERGER/ASIAN/NEROLAC Make)[2 or more coats upto the satisfaction of the Engr-In-Charge]etc complete in all respects.	SqM	33.4		
9	Applying Steel Primer [Aluminium Paint - 2 Coats] over the scrapped structural steel surfaces etc complete.	SqM	33.4		
10	Plastering over RCC Pedestals with Cement Mortar 1:3 [6mm thick].	SqM	2.05		

In words:


12/12/16