

**MAZAGON DOCK SHIPBUILDERS LTD.
TECHNICAL SERVICES DEPT.**

**Scope of Work for Repair/Renovation of Shed No.06 for Fuel Cell Storage Plant,
Anik Chembur Yard, MDL. Civil work (As per M/s Thermax Ltd. requirement)-**

1. Appointing of Structural consultant for Design of Structural shed as per requirement, issue of GFC drawing, supervision of construction work, issue of as built drawing, issue of stability certificate...
2. Dismantling of existing PCC & carting away debris...
3. Dismantling of existing RCC & carting away debris....
4. Dismantling of Brickwork in Superstructure...
5. Dismantling of existing plaster & carting away debris...
6. Dismantling of existing structural steel at any height & location & transportation of dismantled material to MDL scrap bins....
7. Removal of existing redundant rainwater down take pipe....
8. Dismantling of existing Aluminium gutter...
9. Removal of redundant Old Dilapidated Roof & Cladding Sheets & transport to MDL Scrap bins....
10. Excavation in all types of Soil for Storm water drain & Roadwork...
11. Watering & compaction of excavated road surface to the required grade by Vibratory roller....
12. Providing & laying anti-termite treatment inside Shed area & surrounding...
13. Providing and laying Rubble Soling for Roadwork & inside workshop....
14. Providing and laying WBM for Roadwork....
15. Providing and laying PCC M20 for bed concrete....
16. Providing and laying Steel reinforcement for road, slab, column inside workshop...
17. Providing and laying RCC M40 inside Shed with VDF Flooring, Footings Column, Tie Beam, Top Beam inside workshop...
18. Providing and laying RCC M40 for Roadwork concrete including MS Channel/shuttering....
19. Providing and laying RCC M30 for RCC Walls of Storm water drain...
20. Providing anti-skid and acid proof tiling wherever required
21. Providing and fixing centring & Shuttering for RCC work for Storm water drain & Trench, Footing, Column, Beam, Slab etc....
22. Providing and fixing Sliding Glass door between Control room & DI water facility

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23. Providing & fixing MS doors of required size wherever required
24. Providing & fixing GI Rolling shutter for Main Entry Door...
25. Providing and fixing Structural Steel work wherever required including Primer, MS Cladding to Walls, Trusses, Purlins, Base Plates, Insert Plates, Trenches etc.
26. Providing and fixing Structural steel for grating for Storm water drain, MS door, Gate, etc...
27. Providing and applying Epoxy paint to Structural steel work Column / truss etc. wherever required...
28. Providing & constructing BB Masonry in Superstructure of required size wherever required...
29. Providing & fixing Chicken mesh at the joint of Concrete & BB Masonry...
30. Providing and applying 12mm thick internal plaster plaster....
31. Providing and applying 20mm thick External plaster plaster....
32. Providing and applying Plastic emulsion paint on inside wall plastered area...
33. Providing and applying External Painting on outside wall plastered area...
34. Fixing of Rainwater down take PVC pipe of 100mm dia...
35. Providing and fixing 0.5MM Corrugated Galvalume Roofing sheets wherever required...
36. Providing and fixing 0.5MM Corrugated Galvalume Cladding sheets in place of glass & wherever required....
37. Proving & fixing 2mm Thick Aluminium Gutter with Structural Supports...
38. Providing & fixing Ridge of Galvalume sheet...
39. Providing & fixing Corner Flashings of required size of Galvalume sheets ...
40. Providing and fixing Turbo Ventilators on top of Roof with required arrangement for fixing & supporting....
41. Providing and fixing water supply lines of required diameter wherever required
42. Providing and fixing Chain Link fencing mesh for fencing...
43. Providing and laying Polymer Modified Mortar....
44. Providing and laying Micro concrete for existing Column area...
45. Providing & Filling in Position Rubberised bitumen hot sealing compound..


 JAYANT RAO
 मुख्य प्रबंधक (त. से. सिविल)
 CHIEF MANAGER (TS-CIVIL)
 माझगांव डॉक शिपबिल्डर्स लिमिटेड
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