

SCHEDULE-B

Name of work: Construction of Storage Shed Over Existing Floor of Godown No. 3 & 4 inside C. J. Area.

Item No	Description	Total Qty	Rate	Unit	Amount
<u>Part-A (Civil Work)</u>					
1	<p>Providing and fixing of Self Supported Structure Less Roofing systems with proper overlapping and seaming between different sheets without making holes or preventing the overturning the roof by wind addition made up from Regular Modified Polyster Imported Color Coated Galvalume Cold Rolled Structural Steel Sheet Coils of superior quality structural steel. Base metal width 912 mm, and Thickness 1.60 mm BMT, 1.65 mm APT with tolerance of +/- 0.04 mm. Profiled width of 625 mm +/-10mm.</p> <p>The works includes design, supply, & fabrication of self supported single span arch roof fabricated by mechanically seamed in American Machines to profiles as per standard ASTM A792, Steel Sheet, Aluminum-Zinc Alloy Coated by Hot-Dip process. The work should be carried out by specialize and approved agency only. The rate of item is including fitting as per standard specification.</p> <p>(Only net area of sheet to be measures i.e. clear length without corrugation & curved/sloping width. No extra measurements/ payments shall be given for corrugation/profile & over lapping. The area of skyligh sheet/turbo ventilators will be deducted.)</p>				
A)	For main roof of shed with c/c span of column/ Supporting beam up to 32 m.	11161.00		M2	
2	<p>Providing and fixing of Self Supported Structure Less Roofing systems with proper overlapping and seaming between different sheets without making holes or preventing the overturning the roof by wind addition made up from Regular Modified Polyster Imported Color Coated Galvalume Cold Rolled Structural Steel Sheet Coils of superior quality structural steel of Grade D. Base metal width 912 mm, and Thickness 1.00 mm BMT, 1.05 mm APT with tolerance of +/- 0.04 mm, Profiled width of 625 mm +/-10mm.</p>				
A)	For canopy with c/c span of column/ Supporting beam up to 8 m.	100.00		M2	
3	Providing and fixing of hangers/clamps as per manufacturers specifications for laying of cables and hanging of bulbs/light fixtures etc. from Self Supported Systems Roofing	700.00		Each	
4	Providing and fixing of modules of 2 no of 24" dia Wind operated Aluminium Turbo Ventilators with single Transperant Skylight Sheet (minimum 2 mm thick) of 2ft width and 28ft length at required intervals in Self Supported Roofing Systems on center as per manufacturers specificaions	40.00		Each	

Item No	Description	Total Qty	Rate	Unit	Amount
5	Structural steel work riveted, bolted or welded in built up sections, including cutting, hoisting, fixing in position/embedded in concrete and hot dip galvanize coat of 150 micron all complete as directed by engineer in charge.	3082.00		Kg.	
6	Providing and fixing 16 mm dia. steel wire rope of length 6.00 m with turn buckle to support the free end of the steel structure of 5 m wide canopy including necessary knotting, clamping, hooks, 'D-cycle', washers, nuts, bolts etc. as directed by engineer in charge.	4.00		Each	
7	Providing and fixing M.S. sheet sliding- shutters/ heavy duty gates, made up with M.S. channel, angles, flats, plates, bars etc. with necessary EN-18 or suitable steel pulley with brass shaft, handles & locking arrangement including required inserts to be grouted at the time of concrete as directed by engineer in charge.	3120.00		Kg.	
8	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.				
(A)	All works above plinth level upto floor - V level	1639.00		M3	
9	Providing steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically Treated bars of grade Fe- 500D or more.				
(A)	Above plinth level.	295020.00		Kg.	
10	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
(A)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	3819.00		M2	
(B)	Columns, Pillars, Piers, Abutments, Posts and Struts	2485.00		M2	
(C)	Suspended floors, roofs, landings, balconies and access platform	1581.00		M2	
11	Providing & laying cement concrete solid blocks 1:8:6 (machine made) confirming to relevant IS (Latest Edition) masonry 200mm thick set in cement mortar 1:6 including curing etc. complete as directed. A) In superstructure upto floor two level.	996.00		M3	
12	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
(A)	40 mm thick (average) with 20 mm nominal size stone aggregate.	1302.00		M2	
13	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing				
(A)	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) up to all heights.	17.00		M3	

Item No	Description	Total Qty	Rate	Unit	Amount
14	Cement plaster of mix 1:4 (1 cement: 4 fine sand) with course sand, including finishing smooth, curing etc. complete for all heights.				
A	08 mm thick	16842.00		M2	
15	Finishing walls with Premium Acrylic Smooth exterior paint (Ace of APEX or equivalent) with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	16842.00		M2	
16	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface with sand blasting, etc. complete. On steel work	406.00		M2	
17	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,(i) Single socketed pipes.				
(A)	110 mm diameter	136.00		M	
18	Lettering with approved shed of synthetic enamel paint of approved brand and manufacture as directed by engineer in charge.	3600.00		Per Letter Per Cm Height	
19	Architectural wall painting with suitable waterproof paint for art work over the outer cemented surface wall of shed depicting the pictures of port related/ safety related/ national theme or any other as suggested by engineer-in-charge. The work includes the preparation of surface by scrapping, cleaning, applying primer coat and painting one or more coats for looking best quality of work.	1800.00		M2	

Total Rs. _____

CONTRACTOR

EXECUTIVE ENGINEER (H)
DEENDAYAL PORT AUTHORITY