

CONSTRUCTION-I DIVISION**SCHEDULE - B****Name of work:- Extension of custom bonded area in back up of 13th to 16th berth**

Item	Description	QTY	RATE		UNIT		AMOUNT
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m.						
		5629.00					
					one cubic meter		
						m3	
2	Providing & filling river sand in plinth or foundation trenches etc. in layers not exceeding 20cm levelling, watering & consolidation of each layer by ramming etc., all labour & materials complete.						
		376.00			one cubic meter	m3	
3	Providing and laying cement concrete mix of proportion 1:4:8 consisting of cement, sand and 25 to 40 mm size graded hand/machine broken crushed trap stone metal etc., as coarse aggregate including mixing, leveling, ramming and curing etc. complete.						
		376.00			one cubic meter	m3	

4	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 / placing 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. (Minimum cement content 370 Kg/m3, actual as per the concrete mix design)						
a	All works upto plinth level						
		1975.00			one cubic meter	m3	
b	All works above plinth level upto floor V level	1244			one cubic meter	m3	
5	Providing and laying reinforcement for reinforced cement concrete works including cutting, bending, tying with binding wires, preparing cages and placing in position, etc.complete as directed. Thermo-Mechanically Treated bars of grade Fe- 500D or more.	643800			one kilogram	kg	
6	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
		13826			one kilogram	kg	

7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture						
		339			one square meter	m2	
8	Centering and shuttering including strutting, propping etc. and removal of form for all heights :						
a	Foundations, footings, bases of columns, etc. for mass concrete						
		1506			one square meter	m2	
b	Lintels, beams, plinth beams, girders, bressumers and cantilevers						
		10125			one square meter	m2	
c	Columns, Pillars, Piers, Abutments, Posts and Struts						
		2679			one square meter	m2	
9	Plastering with cement mortar 1 : 4 including racking out joints, scrubbing & cleaning, finishing smooth curing including racking out joints etc. complete for interior plastering upto floor two level. (A) 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	12780			one square meter	m2	
10	Finishing walls with water proofing cement paint of required shade. A) New work (Two or more coats applied @ 3.84 kg/10 sqm)	12780.00			one square meter	m2	

11	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron Y shaped placed 2.4 m to 4.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)						
		1500.00			one meter	mtr	
12	Providing embankment for approach road with quarry spall / granular material material including cost of excavation, royalty, loading, unloading, transportation, spreading in layers, comaction with road roller 8 to 10 t capacity for remaining layers to achive the omc from existing ground to required level, levelling, dressing side slopes , watering over the layers as desired by EIC etc., along with spreading of dust over the surface complete with all labour and materials complete including settlement etc., as directed by the engineer in charge.	8500			one cubic meter	m3	
		Total					

EXECUTIVE ENGINEER (C-I)
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