

# SCHEDULE

Name of the work: " Civil works for construction of Bio-gas Plant"

Item No.	Ref.: Manuals, P.No., Item No.	Description	Unit	Qty.	Estimated	
					Rate (Rs.)	Amount (Rs.)
		<b>Earth Work</b>				
1	CPWD-16, Vol I, P-76, 2.8.1	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 50 m. All kinds of soil.	cum	85		
2	CPWD-16, Vol I, P79, 2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m or as directed by EIC.	cum	20		
		<b>Brick work</b>				
3	DSR-16, Vol-I, P- 111, 6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in1:6 grade (1 cement: 6 coarse sand).	Cum	30		
4	DSR-16, Vol I, P-112, 6.12.2	Half brick masonry with common burnt clay F .P .S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	40		
5	PWD 15, Vol I, P-12, (C) BRICKWORKS, CONCRETE WORKS, 1	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand	Sqm	40		
		<b>Finishing</b>				
6	DSR 16, Vol II P-227, 13.7.1	12 mm. cement plaster finished with a floating coat of neat cement of mix 1:4( 1 cement : 4 fine sand).	Sqm	150		
7	DSR 16, Vol I, P-191, 11.3.1	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. 40 mm thick with 20 mm nominal size stone aggregate	Sqm	40		
		<b>STEEL WORK</b>				
8	DSR 16, Vol I, P-182,10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	KG	250		
9	DSE 16, Vol I, P-185, 10.26.3	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes	KG	100		

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10	DSR 16, Vol I, P-216, 12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer- in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	75		
		<b>Total</b>				0.00
	(Rupees In words			)	Say Rs.	

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