

SFC (DP) 2021-2022

Construction of 30000 Litres OHT @ Aruvadai in Komadipattu Panchayat

Vanur Block BLOCK

Est Amount : 15.88Lakhs

Item No.	Probable Quantity		Description of work	MORTH No.	Rate		Unit in words
					In Figure	in Words	
1	2		3	5	6	7	8
1.1			Earth work excavation and depositing on bank with initial lead and lift in all classes of soil such as Hard Gravelly soil, Gravelly soil except Hard Rock requiring Blasting etc complete as per SS20B for narrow foundation				
1.2	39.04		First Depth 0.0 m - 2.0 m below GL				One Cubic
1.3	4.84		Second Depth from 2.0 m - 4.0 m below GL				One Cubic
1.4	1.94		Filling in the foundation with filling M Sand including cost and conveyance to the site and all labour charges for filling as per standard specifications				
1.5	2.90		Cement Concrete 1:4:8 mix using 40mm ISS HBG stone jelly and M Sand for Foundation and flooring including cost, conveyance of all materials and labour charges to laid in layers not more than 15cm thick, well rammed etc,				One Cubic Metre
1.6			Reinforced cement concrete in 1 : 1.5 : 3 , mix using 20mm iss HBG stone jelly and M SAND for all reinforced cement concrete works excluding cost of centering and steel but including laying, vibrating, curing and finishing ,fixing fan clamps in the RCC floor and roof slab works wherever necessary and bearing surface of the wall at the sides and				
1.7	5.65		Below GL from 1.50 m - 4.50 m				One Cubic
1.8	1.49		Below 1.50m from GL				
1.9	2.57		0.0m to 4.50 m above GL				One Cubic

Contractor

No of Corrections:-No of Overwritings:-

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1	2		3	5	6	7	8
2.0	1.97		4.50 m to 7.32 above GL				One Cubic
2.1	2.27		7.32 M TO 10.98M above GL				One Cubic
2.2	11.28		10.98 M TO 14.64 M above GL				One Cubic
2.3	3.08		14.64M TO 18.30M above				One Cubic
2.4			Supplying and Erection centering for sides and soffits including necessary supports and strutting as directed by the departmental officers. Rate for 10m2 for the following items (RCC floor slab, roff slab, Rectangular / Square, Tee/ Ell beams, Lintels, StairCase Waist Slablanding slab landing beam Canopy etc in all floors with all cross Bracings using mild steel sheets of size 90cm x 60cm and 10BG stiffened				One Cubic Metre
2.5	17.54		Below GL				Refilling the
2.6	24.28		From GL - 3.30 m				
2.7	9.54		From 5.30 m to 6.30 m above GL				
2.8	9.54		From 8.30m to 9.30m above GL				One square Metre
2.9	38.34		From 11.30 m to 12.30 m				One square Metre

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1	2		3	5	6	7	8
3.1			Curved surface				One square Metre
3.2	91.95		0.00 to 3.30 m				
3.3			Square column				One square Metre
3.4	6.48		Below GL				One square Metre
3.5	15.12		Above GL TO 3.30 m				One square
3.6	4.8		From 3.31m to 4.30 M				One square Metre
3.7	4.80		From 4.31m to 5.30 M				One square Metre
3.8	4.08		From 5.31m to 6.30 M				One square Metre
3.9	4.80		From 6.31m to 7.30 M				One square Metre

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4	4.8		From 7.31m to 8.30 M				One square Metre
4.1	4.08		From 8.31m to 9.30 M				One square Metre
4.2	4.8		From 9.31m to 10.30 M				One square Metre
4.3	4.8		From 10.31m to 11.30 M				One square Metre
4.4	0.72		From 11.31m to 11.45 M				One square Metre
4.5	5.32		Supplying, Fabricatung and placin g in position of RTS or MS rod for all reinforced cement concrete works as per design given including cost of steel and binding wire in all floors etc,complete complying with standard specification				mt
4.6	163.28		Painting Two Coats with approved Cement Paint over the Plastered surface over one coat of Whie Cement including cost of all materials and labour charges etc complete				One square Metre

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1	2		3	5	6	7	8
4.7	1.00		Fabrication,Supply,delivery and fixing of Out side MS Lader of 45 cm clear wide made out of 50 mm x 50 mm x 6mm MS Angle for both sides and for steps at 30 cm c / c welded jointed etc., for I staging from GL to FIRST Brace (weight 4.50 kg/m) Second and Third staggering upto Floor slab and Fourth Staggering from Floor Slab Roof Top Cover Slab.Supply,Delivery and Fixing of 32 mm GI Pipes medium for Hand Rails from First stage to Fourth Stage. RCC M30 Grade mix for Landing SlabFive Nos at Ground Level - 1 No				One square Metre
5.2	1.00		Providing and fixing of R C C inner acess ladder in R C C 1:1.5:3 USING 20MM hbg stone for OHT including cost of reinforcement , placing grill in position, centering shuttering , mixing concrete curing etc.,				One square Metre
5.3	1.00		Providing 110mm AC Vent cowl arrangements mosquito proof nylon net as directed by dept officer				m
5.4	1.000		Providing Cut stone slab in CM AC Vent cowl arrangements mosquito proof nylon net as directed by dept office				m
5.5	1		Providing Man hole Cover of size 0.60m x0.60m in Rc c 1:1.5:3 with suitable Reinforcement and 50 x50x6mm MS angle fixed along edges and as directed by dept officer				no
5.6	19		65 mm GI Pipe Inlet				One No
5.7	21		65 mm GI Pipe Inlet				One No
5.8	13		65 mm GI Pipe Over Flow				One No

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1	2		3	5	6	7	8
5.9	15		65 mm GI Pipe Deleivery				One No
6	2		50 mm GI Pipe for Scour				One No
6.1	2		90 mm PVC Thread Coupler				One No
6.2	2		75 mm PVC Thread Coupler				One No
6.3	2		63 mm PVC Thread Coupler				One No
6.4	5		65 mm GI Tee				One No
6.5	1		65 GI Ell				One No
6.6	1		65 x 50 mm GI Reducer				One No
6.7	1		75 mm X 63 mm PVC Reducer				One No
6.8	3		65 mm GI Union				One No
6.9	3		65 mm GI Flange				One No
7	9		65 mm GI Coupling				One No

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1	2		3	5	6	7	8
7.1	2		65 mm Gate Valve				One No
7.2	1		50 mm Gate Valve				One No
7.3	31.9		Refilling the foundation with excavated earth including consolidation as directed by dept officer				Cum
7.4	2		Labour charges for GI Pipe connection to the OHT , for inlet, out let ,overflow pipe and scour arrangements including cutting and threading , earth work excavation & refilling				No
7.5	1		Providing Hand rails over the Roof slab by using 32 mm GI Pipe with 40mm x6mm MS Flate and fixied with 12mm dia fastner bolt 75mm long and as directed by dept officer				No
7.6			Name Board Charges				
7.7			Photo Charges				
7.8			Construction of Pump Room				
7.9	7.34		Earth work excavation for foundation in all classes of soils and sub soil to full depth except in hard rock requiring blasting but inclusive of shoring strutting if required for the sides of foundation.				Cum

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1	2		3	5	6	7	8
8.0	1.57		Supplying and filling in foundation and basement with good sand in layers not more 15 cm thick including ramming, watering and compacting etc.complete complying to standard specification				sqm
8.1	1.56		Cement Concrete 1:4:8 mix using 40 mm HBG metal for foundaion including watering wherever necessary and laid in layers of not more than 15cm thick. Compacting etc., complete complying with standard specifications and as directed.				Cum
8.2	8.18		Brick work in CM 1:5 mix using country bricks ground moulded of size 23 x 11 x 7 Cm for the following including curing etc., complete complying with standard specifications.				Cum
8.3	0.13		Supplying and Fabricating and placing in position MS Steel or ribbed for steel for all reinforced cement concrete works as per the design given including cost of steel and blinding wire all floors etc., complete complying with standard specification.				mt
8.4	1.64		Supplying and Erection centering for sides and soffits including necessaary supports and strutting as directed by the departmental officers. Rate for 10m2 for the following items (RCC floor slab, roff slab, Rectangular / Square, Tee/ Ell beams, Lintels,				sqm
8.5	0.53		Reinforced cement concrete 1; 11/2;3 using 20mm iss HBG metal including the cost and conveyance of all materials and cost of all labour charges etc complete				cum

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8.6	2.25		Providing granoethic floor finish in cement concrete 1:2:4 mix using 10-12mm ISS HBG metal to 50 mm thick including cost and conveyance of all materials to site and all labour charges for mixing, laying and curing etc, complete.				sqm
8.7	4.6		Ceiling Plastering with cement mortar 1:3 mix to 10 mm thick for R.C.C. Items including cost and conveyance of all materials to site and all labour charges etc complete				sqm
8.8	43.28		Plastering cm 1;5 -12mm Thick including the cost and conveyance of all materials and cost of all labour charges etc., complete.				sqm
8.9	47.88		Painting Two coat approved cement paint over the plastered surface including cost and all other charges etc.,				sqm
9	3.78		Painting Two coat over new steel doors with approved quality of enamel paint including cost and all other charges etc.,				sqm
9.1	1		door 0.90x2.10 m				no
9.2	1		Cost and supply of RCC Jolly				no
9.3			Pipe Line				

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9.4	134.82		Earth work excavation in hard stiff clay soil with initial lead and lift including all charges as per SS20B.				Cum
9.5	184		Cost and supply of Pvc Pipe & specials including all labour charges etc for pumping main.90mm 6ksc				RM
9.6	184		Towards labour charges for laying, cutting, threading, jointing of PVC, GI Pipes and specials in correct gradient in all etc				RM
9.7	134.82		Refilling excavated earth for all labour charges etc				Cum

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