

QUOTE FOR LABOUR RATE CONTRACT FOR THE WORKS OF REPAIR & MAINTENANCE IN RGCA - AQUATIC QUARANTINE FACILITY AT NEELANKARAI, CHENNAI.

Sl. No.	Item of Work	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (in words)
<u>CIVIL WORKS</u>						
1	<u>PAINTING WORKS</u>					
i	Labour charges for Scrapping & Cleaning old painted surface with necessary scaffolding & scrapping materials on galvanised Iron/Mild Steel sections as per CPWD technical specifications / as specified by the Engineer - In Charge	838.00	Sq. M			
ii	Labour charges for Painting with ZINC primer two or more coat on new work of galvanised Iron/Mild Steel Sections as per CPWD technical specifications / as specified by the Engineer - In Charge	1,138.00	Sq. M			
iii	Labour charges for Painting with synthetic enamel paint two or more coat with one coat of primer to give an even shade on new work of galvanised Iron/Mild Steel Sections. as per CPWD technical specifications / as specified by the Engineer - In Charge	1,138.00	Sq. M			
iv	Labour charges for Painting with Epoxy / MRF paint two or more coat with one coat of primer to give an even shade on galvanised Iron/Mild Steel Sections. as per CPWD technical specifications / as specified by the Engineer - In Charge	161.00	Sq. M			
v	Labour charges for Scrapping & Cleaning old painted surface with necessary scaffolding and Painting with synthetic enamel paint for truss, galvanised Iron/Mild Steel Sections etc, to give an even shade as per CPWD technical specifications / as specified by the Engineer - In Charge.	QRO	Sq. M			
vi	Scrapping & Cleaning old Epoxy painted surface with necessary scaffolding & scrapping materials on Masonry walls as per CPWD technical specifications / as specified by the Engineer - In Charge	2,282.00	Sq. M			
vii	Labour charges for Painting with epoxy primer paint one or more coat to give an even shade and necessary or required wall putty to give even or smooth surface on walls (New Works) as per manufacture technical specifications / as specified by the Engineer - In Charge	390.00	Sq. M			

viii	Labour charges for Painting with 1st quality epoxy paint (CLEANTECH or equivalent make) / Epoxy based / Royal shine paint two or more coat (each coat will be 100 microns thick) to give an even shade and necessary or required wall putty to give even or smooth surface on walls as per CPWD technical specifications / as specified by the Engineer - In Charge	2,672.00	Sq. M			
ix	Scrapping & Cleaning old Epoxy self levelling flooring with necessary scrapping materials on Floor surface as per CPWD technical specifications / as specified by the Engineer - In Charge	501.00	Sq. M			
x	Labour charges for Painting with 1st quality epoxy Self levelling flooring with one coat of 1mm thick on floor surface to give an even shade and necessary or required wall putty to give even or smooth surface on floor as per manufacture technical specifications / as specified by the Engineer - In Charge	1,136.00	Sq. M			
xi	Labour charges for Scrapping & Cleaning old painted surface (Cement paint, Emulsion paint Inner & Outer) with necessary scaffolding & scrapping materials on walls as per CPWD technical specifications / as specified by the Engineer - In Charge	1,161.00	Sq. M			
xii	Labour charges for White washing the walls with snowcem plus or water proofing cement paint with two or more coat to give an even shade and necessary or required wall putty to give even or smooth surface on walls with necessary scaffoldings as per manufacture technical specifications / as specified by the Engineer - In Charge	570.00	Sq. M			
xiii	Labour charges for Finishing walls with textured exterior paint (Sandex mat) in two or more coat to give an even shade and necessary or required wall putty for smooth surface on walls with necessary scaffoldings as per manufacture technical specifications / as specified by the Engineer - In Charge	1,161.00	Sq. M			
xvi	Labour charges for Painting with SIEMENS 8426 paint two or more coat with one coat of primer to give an even shade on PUF wall Panels & galvanised Iron/Mild Steel Sections by machine spraying. as per CPWD technical specifications / as specified by the Engineer - In Charge	859.00	Sq. M			
2	<u>EARTH WORK EXCAVATION</u>					

i	Earth work excavation for foundation trenches including dressing of sides and ramming of bottoms and disposal of excavated earth as per CPWD technical specifications / as specified by the Engineer - In Charge				
a	ALL kinds of soil (excluding rock)	35.00	Cu. M		
ii	Earth work excavation (for Narrow trenches - Electrical Cabling and Plumbing Lines, exceeding 80mm and not exceeding 300mm dia laying) including refilling the excavated earth (excluding Rock) and disposal of excess excavated earth, as per CPWD technical specifications / as specified by the Engineer.		M		
	Pipess, cables etc, not exceeding 80 mm dia				
a	ALL kinds of soil (excluding rock)	QRO	Rmt		
b	Bitumen Road/Cement Concrete/Paver Road	QRO	Rmt		
iii	Pipess, cables etc, exceeding 80 mm dia but not exceeding 200 mm dia				
a	ALL kinds of soil (excluding rock)	QRO	Rmt		
b	Bitumen Road/Cement Concrete/Paver Road	QRO	Rmt		
iv	Pipess, cables etc, exceeding 200 mm dia but not exceeding 300 mm dia				
a	ALL kinds of soil (excluding rock)	QRO	Rmt		
b	Bitumen Road/Cement Concrete/Paver Road	QRO	Rmt		
3	<u>River Sand Filling</u>				
	Filling with river sand under P.C.C, R.C.C, in plinth etc. Including watering, ramming consolidating and dressing complete as per CPWD technical specifications / as specified by the Engineer - In Charge.	10.00	Cu. M		
4	<u>Crusher/Stone Dust/Quarry waste Filling</u>				
	Filling with Crusser/Stone/Quary Dust under P.C.C, R.C.C, in plinth etc. Including watering, ramming consolidating and dressing complete as per CPWD technical specifications / as specified by the Engineer - In Charge.	30.00	Cu. M		
5	<u>BACK FILLING</u>				
	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc.,in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming & watering as per CPWD technical specifications / as specified by the Engineer - In Charge	90.00	Cu. M		
6	<u>CONCRETE P.C.C</u>				
i	Laying of cement concrete of specified grade in position as per CPWD technical specifications / as specified by the Engineer - In Charge. - upto Plinth				
a	C.C 1:4:8 (One cement : Four Coarse sand : Eight Graded stone aggregate 40mm nominal size)	24.00	Cu. M		
b	C.C 1:3:6 (One cement : Three Coarse sand : Six Graded stone aggregate 40mm/20mm nominal size)	7.00	Cu. M		

c	C.C 1:2:4 (One cement : Two Coarse sand : Four Graded stone aggregate 20mm nominal size)	39.00	Cu. M			
ii	Laying of cement concrete of specified grade in position as per CPWD technical specifications / as specified by the Engineer - In Charge. - Above Plinth upto floor V level.					
a	C.C 1:2:4 (One cement : Two Coarse sand : Four Graded stone aggregate 20mm nominal size)	QRO	Cu. M			
7	<u>CONCRETE R.C.C</u>					
	Laying of Reinforced cement concrete in position machine mixed, machine vibrated cement concrete in the grade of 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size) and as per CPWD technical specifications / as specified by the Engineer - In Charge					
i	Footing concrete	3.50	Cu. M			
ii	Raft slab / bed	48.00	Cu. M			
iii	Stiffner wall	-	Cu. M			
iv	Wall	25.00	Cu. M			
v	Grade beam	3.00	Cu. M			
vi	Column	3.00	Cu. M			
vii	Roof slab & beam	11.00	Cu. M			
viii	Lintel cum sunshade	7.00	Cu. M			
8	<u>PRE - CAST CEMENT CONCRETE R.C.C</u>					
	Laying and fixing upto floor V level of reinforced Pre - Cast cement concrete of machine mixed and machine vibrated in the grade, size & shape as per CPWD technical specifications / as specified by the Engineer - In Charge.	50.00	Cu. M			
9	<u>REINFORCEMENT</u>					
	Reinforcement for RCC work including staightening, cutting, bending, placing in position and binding all complete as per CPWD technical specifications / as specified by the Engineer - In Charge					
	All kinds of RCC works	13,545.00	Kg			
9	<u>FORM WORK</u>					
	Centering and shuttering including strutting propping etc., and removal of form work form as per CPWD technical specifications / as specified by the Engineer - In Charge. The rate shall includes the shuttering materials such as Plywood, wooden planks, rafters, props etc		Sq. M			
a	Footing concrete	6.00	Sq.m			

b	Raft slab	QRO	Sq.m			
c	Stiffner wall	QRO	Sq.m			
d	Wall	420.00	Sq.m			
e	Grade beam	48.00	Sq.m			
f	Column	12.00	Sq.m			
g	Roof slab & beam	48.00	Sq.m			
h	Lintel cum sunshade	32.00	Sq.m			
10	<u>BRICK WORK</u>					
i	Labour Charges for Construction of 9" bricks wall using F.P.S brick of class designation 75 / 1st class including prepration of cement mortar 1:4 or 1:6 as per CPWD technical specifications / as specified by the Engineer - In Charge. The rates shall including scaffolding etc., complete in all respects					
a	upto Plinth	8.00	Cu. M			
b	above Plinth	21.00	Cu. M			
ii	Labour Charges for Construction of solid cement concrete block masonry walls of 200mm thick using locally available best blocks of approved size and quality with compressive strength not less than 50 Kg/sq.cm in cement mortar 1:5 (1part of cement : 5 part of coarse sand) including racking joints, scaffolding, curing etc., complete in all respects					
a	upto Plinth	10.00	Cu. M			
b	above Plinth	64.00	Cu. M			
iii	Labour Charges for Construction of Half brick wall (4.5") including prepration of cement mortar 1:3 or 1:4 reinforced with 2Nos. 6mm dia M.S rods at every 5th course , the rod continued into the adjoining wall/column to a length of 15-20 cm or full thickness		Sq. M			
a	upto Plinth	QRO	Sq.m			
b	above Plinth	53.00	Sq.m			
11	<u>PLASTERING</u>					
i	Labour Charges for Plastering the new walls in c.m 1:4 with necessary scaffolding etc., complete in all respects					
a	12 mm thick	253.00	Sq. M			
b	15 mm thick	320.00	Sq. M			
c	20 mm thick	QRO	Sq. M			

ii	Scrapping & Cleaning of old plasterd surface with necessaary scaffolding and replastering the walls in c.m 1:4 as per CPWD technical specifications / as specified by the Engineer - In Charge					
a	6 mm thick	QRO	Sq. M			
b	12 mm thick	431.00	Sq. M			
c	15 mm thick	QRO	Sq. M			
d	Ceiling	QRO	Sq. M			
iii	Scrapping & Cleaning of old plastered surface with necessaary scaffolding and replastering the walls etc., in c.m 1:4 after using PVC/FRP chicken mesh with packing/rough plastering by 6mm chips in C.M 1:3 and as per CPWD technical specifications / as specified by the Engineer - In Charge					
a	6 mm thick	QRO	Sq. M			
b	12 mm thick	QRO	Sq. M			
c	15 mm thick	QRO	Sq. M			
vi	Scrapping & Cleaning of old reinforced cement concrete structures / surface & reinforcment bars with necessaary centering & Shuttering, scaffolding and relayng of cement concrete in mix of 1: 1.5 : 3 with using PVC/FRP /MS/GI chicken mesh with packing by 6mm aggregate/baby chips mix of 1:1:2 and as per CPWD technical specifications / as specified by the Engineer - In Charge					
a	Columns	QRO	Sq. M			
b	Beams	QRO	Sq. M			
c	Roof ceiling	QRO	Sq. M			
d	Sunshade & Landings	QRO	Sq. M			
12	FLOORING					
i	Scrapping & cleaning of existing floor surface and reflooring with 52mm thick Cement concrete flooring with concrete hardner topping under layer 40 mm thick cement concrete 1:2:4 (one cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12 mm thick cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 graded stone aggregate 6 mm nominal size) finished with slurry., complete as per CPWD	2,009.00	Sq. M			
13	TILES WORK					
i	Scrapping & Cleaning of existing Tile wall and laying with 1st quality ceramic / Vitrified glazed Joint free wall tiles of required / approved size with 12mm of base cement mortar in C.M 1:3 (one cement : 3 coarse sand) or chemical paste for fixing including pointing the joints with white cement etc., complete. as per CPWD technical specifications / as specified by Engineer - In - Charge	38.00	Sq. M			

ii	Labour Charges for laying of 1st quality Anti Grip joint free vitrified floor tiles size of 300x300mm with 12mm of base cement mortar in C.M 1:3 (one cement : 3 coarse sand) or chemical paste for fixing including pointing the joints with white cement etc., complete. as per CPWD technical specifications / as specified by Engineer - In - Charge	120.00	Sq. M		
14	<u>OTHER WORKS</u>				
i	Labour Charges for removing and relaying of existing Paver block and compact with machine vibrator and dressing with available sand on top for compacting and cleaning etc., complete as per direction of Engineer - in - charge	680.00	Sq. M		
ii	Labour Charges for laying of Tar Felt / roof protection screen with necessary safety and scaffolding materials etc., complete as per direction of Engineer - in - charge	2,065.00	Sq. M		
iii	Labour Charges for laying of Providing and applying integrated special water proofing mixing with water proofing compound for pressure grouting and applying priming coat for wall and floor with water proofing compound and final coat for water proofing plastering and checking with water etc., all complete as per IS standard and as per direction of Engineer - in - charge	383.00	Sq. M		
15	<u>DEMOLISHING & DISMANTLING</u>				
	Demolishing and Dismantling with necessary safety and scaffolding and debries removed and carted away from site and stocking the serviceable materials as per CPWD technical specifications / as specified by the Engineer - In Charge				
a	Brick work (Red Bricks)	20.00	Cu. M		
b	Block works (CC Block)	20.00	Cu. M		
c	R.C.C floor	QRO	Cu. M		
d	R.C.C roof	QRO	Cu. M		
e	P.C.C floor and foundation	QRO	Cu. M		
f	R.C.C tanks	QRO	Cu. M		
g	Removal of existing weathering course tiles & Ceramic/Vitrified tiles	QRO	Sq.m		
h	Platforms	QRO	Sq.m		
i	Doors	QRO	Sq.m		
j	Windows	QRO	Sq.m		
16	<u>LABOUR CHARGES</u>				

a	Mason	QRO	per day			
b	Bar bender	QRO	per day			
c	Carpenter	QRO	per day			
d	Plumber	QRO	per day			
e	Painter	QRO	per day			
f	Electrician	QRO	per day			
g	Male Helper	QRO	per day			
f	Female Helper	QRO	per day			
Note:	The rates furnished by the Contractor should be inclusive of water, power & other machineries required for the works to be carried out at Site. Also the rate shall inclusive of all applicable TAX.					