

**ABSTRACT OF COST OF "PROPOSED CFC FOR CHENGA
TRADITIONAL DRESS MAKING & WEAVING CLUSTER", BARPETA
(ASSAM)**

Sl. No.	Description	Amount
1	Total Cost of Civil works	
2	Total Cost of Sanitary works	
3	Total Cost of water supply works	
4	Total Cost of internal electrification	
	Total	

(1) COST OF CIVIL WORKS FOR A/T COMMON FACILITY CENTRE, 234.10 SQ. MT. :-

Description	Unit	Qty.	Rate	Per	Amount
			(In Rs.)		(In Rs.)
<u>EARTH WORK :-</u>					
Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge					
All Kinds of soil	Cum	81.42		Cum	
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.					
	Cum	167.00		Cum	
<u>PLAIN CEMENT CONCRETE WORK :-</u>					
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	Cum	3.70		Cum	

<u>REINFORCED CEMENT CONCRETE WORK :-</u>					
Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :					
In 1:1.5:3 (1 cement : 1.5 Coarse sand : 3 stone agg.)	Cum	25.89		Cum	
Providing cement concrete works in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centering, shuttering, finishing and reinforcement					
In 1:1.5:3 (1 cement : 1.5 Coarse sand : 3 stone agg.)	Cum	8.53		Cum	
				B.F.	
Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	6.61		Cum	
<u>SHUTTERING WORK :-</u>					
Centering and shuttering including strutting, propping					

etc. and removal of form for :					
Foundations, footings, bases of columns, etc. for mass concrete	Sq m	21.06		Sqm	
Suspended floors, roofs, landings, balconies and access platform	Sq m	28.14		Sqm	
Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Sq m	123.34		Sqm	
Columns, Pillars, Piers, Abutments, Posts and struts.	Sq m	203.13		Sqm	
<u>BRICK WORK :-</u>					
Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:					
1:4 (1 cement : 4 coarse sand)	Sq m	319.07		Sqm	
Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
Cement mortar 1:4 (1 cement : 4 coarse sand)	Cu m	18.89		Cum	
Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :					
Cement mortar 1:4 (1 cement : 4 coarse sand)	Cu m	39.68		Cum	
<u>PLASTERING WORK :-</u>					

12 mm cement plaster of mix :					
in 1 : 4	Sq m	456.57		Sqm	
				B.F.	
15 mm cement plaster on rough side of single or half brick wall of mix:					
in 1 : 4	Sq m	231.46		Sqm	
Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement.					
20 mm cement plaster	Sq m	67.92		Sqm	
<u>PAINTING WORK :-</u>					
Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.					
Two or more coats on new work	Sq m	402.17		Sqm	
Finishing walls with water proofing cement paint of required shade :					
New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sq m	215.00		Sqm	
Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
Two or more coats on new work	Sq m	37.41		Sqm	
<u>FLOORING WORK :-</u>					

<p>62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.</p>	Sq m	219.74		Sqm	
<p><u>WOOD WORK AND PVC WORK :-</u></p>					
<p>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).</p>					
<p>Second class teak wood</p>	Cu m	0.27		Cum	
				B.F.	
<p>Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:Butt hinges and necessary screws shall be</p>					

paid separately)					
Second class teak wood					
35 mm thick shutters	Sq m	12.30		Sqm	
Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & Jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement, including fixing the frame to wall with suitable dia & length anchor fastener as per manufacturer's specification and direction of Engineer-in-charge.	M	14.85		M	
Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails complete as per manufacturer's specifications and direction of Engineer-in-charge.					
Non decorative finish	Sq m	4.20		Sqm	

ALUMINIUM WORK :-					
Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
For fixed portion					
Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	KG	173.71		KG	
				B.F.	
Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item):					

With float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm)	Sq m	29.96		Sqm	
Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	KG	51.58		KG	
<u>TILES WORK :-</u>					
Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.					
Size of Tile 600x600 mm	Sq m	162.35		Sqm	

Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sq m	48.98		Sqm	
<u>STEEL WORK :-</u>					
Reinforcement for R C C work including straightening, cutting, bending, placing in position and binding all complete, upto plinth level.					
Thermo mechanically Treated bars.	KG	4699.11		KG	
				B.F.	
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	3530.12		KG	
<u>ROOFING WORK :-</u>					

Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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.					
0.63 mm thk with zinc coating not less than 275 gm/m ²	Sq m	281.75		Sqm	
Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.					
0.63 mm thick with zinc coating not less than 275 gm/m²	M	22.54		M	
<u>CEILING WORK :-</u>					
Providing and fixing powder coated aluminium work (minimum thickness of powder coating 50 micron) consisting of tee/ angle sections, of approved make conforming to IS : 733 in frames of false ceiling including aluminium angle cleats with necessary C.P. brass/ stainless steel sunk screws, aluminium perimeter angles fixed to wall with stainless steel rawl plugs @ 450 mm centre to centre and fixing the frame work to G.I. level adjusting hangers 6 mm	KG	172.00		KG	

dia. with necessary cadmium plated machine screws all complete as per approved architectural drawings and direction of the Engineer-incharge (level adjusting hangers, ceiling cleats and expansion hold fasteners to be paid for separately).					
Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) :					
Natural colour insulating board					
12 mm thick	Sq m	214.68		Sqm	
				Total cost of civil works = Rs.	
(ii) COST OF WATER SUPPLY WORKS OF A/T CFC, 234.10 SQ. MT. :-					
Description	Un it	Qty.	Rate (in Rs.)	Per	Amount (in Rs.)
CPVC PIPES :-					
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making					

good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.					
20 mm nominal outer dia Pipes	M	3.00		M	
25 mm nominal outer dia Pipes	M	6.00		M	
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.					
25 mm nominal outer dia Pipes	M	5.00		M	
50 mm nominal outer dia Pipes	M	12.00		M	
100 mm nominal inner dia Pipes	M	10.00		M	
<u>BRASS FITTINGS</u> :-					
Providing and fixing brass bib cock of approved quality :					
20 mm nominal bore	Each	6.00		Each	
Providing and fixing brass stop cock of approved quality :					
20 mm nominal bore	Each	6.00		Each	

Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :					
25 mm nominal bore	Each	2.00		Each	
Boring with 100 mm diameter casing pipe for hand pump / tubewell, in all soils except ordinary hard rocks requiring blasting, including removing the casing pipe after the hand pump / tube well is lowered and tested :					
Beyond 12 m and up to 18 m depth	M	76.00		M	
				B.F.	
Providing and placing in position filters of 40 mm diameter G.I. pipe with brass strainer of approved quality.	M	3.00		M	
Providing and placing in position hand pump of approved quality for 40 mm diameter G.I. pipe complete with all accessories.	M	1.00		M	
Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Per Lit.	500.00		Per Lit.	
<u>C.P. BRASS FITTINGS</u> :-					
Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :					
15 mm nominal bore	Each	6.00		Each	

Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	Each	6.00		Each	
Total cost of Water Supply works =					
Rs.					
(iii) <u>COST OF SANITARY WORKS OF A/T CFC, 234.10 SQ. MT. :-</u>					
Description	Unit	Qty.	Rate (in Rs.)	Per	Amount (in Rs.)
Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:					
White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	3.00		Each	
Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:					
White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	Each	3.00		Each	
Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
Flexible pipe					
40 mm dia	Each	3.00		Each	

Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	3.0 0		Each	
Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	3.0 0		Each	
Providing and fixing toilet paper holder :					
C.P. brass	Each	3.0 0		Each	
Providing and fixing soil, waste and vent pipes :					
100 mm dia					
Sand cast iron S&S pipe as per IS: 1729	M	9.0 0		M	
Total cost of Sanitary works = Rs.					
(iv) <u>COST OF ELECTRIFICATION WORKS OF A/T CFC, 234.10 SQ. MT. :-</u>					
Description	Unit	Qty.		Per	
Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
Group C	Poi	40.0		Point	

	nt	0			
Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	M	8.00		M	
Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	M	120.00		M	
Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
40 mm	M	90		M	
Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.					
200 mm X 250 mm X 100 mm deep	Each	12.00		Each	
Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
15/16 A switch	Each	10.0		Each	

	ch	0			
6 pin 15/16 A socket outlet	Each	12.00			Each
Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	14.00			Each
					B.F.
Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Each	14.00			Each
Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
8 way (4 + 24), Double door	Each	1.00			Each
Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
63 A	Each	6.00			Each
Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with	Each	2.00			Each

charcoal/ coke and salt as required.					
Providing fitting and fixing Ceiling Fan of Approved Brand or Manufacturer including all accessories.	Each	14.00		Each	
Providing fitting and fixing Exhaust Fan of Approved Brand or Manufacturer including all accessories.	Each	3.00		Each	
Providing 20 watt LED bulb of Approved Brand or Manufacturer including all accessories.	Each	22.00		Each	
Total cost of Electrification works = Rs.					
TOTAL COST =					

