

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम – मुख्य कार्यालय में भवनों का संधारण कार्य।

(BUILDING SOR 10.06.2026 & Electrical SOR 10.06.2026)

S.N.	Item No.	PARTICULARS OF ITEMS	QTY	UOM
1	1.1	Excavation for all types and sizes Of foundations, trenches and drains or for any other purpose including disposal Of excavated stuff upto 1 m lift and lead upto 50m (at least 5m away from the excavated area), including dressin and levem Of its In all types Of soils	2	cum
2	1.18	Providing and filling in pith With sand/ Crusher dust and hard moonum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by rammin and waterin , includin dressin etc. Complete.	2	cum
3	2.1	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases Of columns plinth beam. curtain wall in any shape and size and all type Of wall below pith level	4	sqm
4	3.1	Providing and laying nominal mix plain cement concrete With crushed stone aggregate using concrete mixer in all excludin cost Of form work.		
	3.1.2	1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size)	3	cum
	3.1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	3	cum
5	3.12	Providing and placing in position reinforcement for work including straightening, cutting, bending etc. complete as per drawing including cost Of bindin Wire. All corn lete Thermo-Mechanically treated bars FE 415	12	kg
6	7.5	Brick work With modular fly-ash lime bricks (FOLG Bricks) confirming to IS: 12894-2002 Of class designation 4.0 in foundation and plinth in: Cement Mortar cement : 6 coarse sand)	4	cum
7	8.7	Providing and fixing 35mm thick paneled or glazed or paneled and glazed shutter frames for doors excluding hinges and paneling. (Area Of shutter to be measured Without deductin panelin area) Bi asal, benteak, khair, haldu	4	sqm
8	8.12	Providing and fixing flush door shutters. conforming to IS : 2202 (Part-I), decorative type core Of block board construction With frame Of first class hard wood and well matched teak ply veneering With vertical grains or cross bands and face veneers on faces Ofshutters excludi hin es 35 mm. thick lsingle leaf)	6	sqm
9	8.58	Providing and fixing bright finished brass butt hinges With brass Polished MS screws corn lete: 125x85x5.50 mm (Heavy Type)	8	each
10	8.59	Providing and fixing bright finished brass parlaimentary hinges with brass poished MS screws complete: 125x125x27x5 mm	5	each
11	8.65	Providing and fixing bright finished brass door handles With brass polished MS screws corn lete: 125 mm	5	each
12	8.73	Providing and fixing 150mm bright finished brass floor door stopper With rubber cushion & brass polished MS screws etc complete to suit the shutter thicknes	5	each
13	8.129	Providing and fixing powder coated aluminium door handles 2.5mm thick With necessa M.S. screws etc co ate. 150 mm	5	each
14	8.130	Providing and fixing hanging powder coated aluminium door sto er With necessary M.S. screws etc complete. Single	5	each
15	8.132	Providing and fixing stainless steel butt hinges IS 12817 marked With necessary stainless steel screws etc complete. 125x2.5mm (heavy)	5	each
16	8.152	Providing and fixing 30mm thick factory made panel PVC door shutter consisting Of frame made out Of M S. tubes Of 19 gauge thickness and size Of 19mm x 19mm for styles and 1 5x1 5mm for top & rails. M.S. frame shall have a coat Of steel primers Of approved make and manufacture. MS. frame covered With 5mm thick heat moulded PVC 'C' channel Of size thickness, 70mm Width out Of Which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles: and 5mm thick, 95mm Wide PVC sheet out Of Which 75mm shall be flat and 20mm shall be tapered in 45 degee on the inner side to form top and bottom rail and 1 15mm Wide PVC sheet out Of Which 75mm shall be flat and 20mm shall be tapered on sides to form lock rail. Top. bottom and lock rails shall provided either side Of the panel. 10mm (5mm x 2 thick, 20mm Wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling Of 5mm thick both side PVC sheet to fitted in the frame welded/ sealed to the styles & rails With 7mm 15mm+2mm) thick x 15mm Wide PVC sheet beading on inner side. and joined together With solvent cement adhesive An additional 5mm thick PVC strip Of 20mm Width is to stuck on the interior side Of the 'C' Channel using PVC solvent adhesive etc. complete as Manufacturer's specification including 3 nos ISI marked stainless steel hinges Of size 100x58x1_9 mm complete. (for W.C. and bathroom door shutter) PVC door shutter	7	sqm
17	9.3	Steel work in tubular (round. square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height Of 5m above plinth level, consisting Of columns trusses, roof and bottom purlins, base plate holding down bolts, Wind ties bracing (if required) bolts nuts and washers for fastening etc. complete With applying a priming coat Of red oxide zinc chromate rimer. Electric resistance or induction butt welded tubes Grade-250	12	kg

Handwritten signature

18	9.16	Providing and fixing M.S. frames Of doors, Windows, ventilators and cupboards joints mitred and welded With 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm Of grade M-10 or With wooden plugs and screws or With dash fastener or rawl plugs and screws or With fixing clips or With bolts and nuts as required including fixing Of necessary butt hinges and screws and applying a priming coat Of a roved steel mer Angle-iron frames	25	kg
19	9.47	Providing and fixing aluminium work for doors, Windows ventilators and partitions made out Of extruded aluminium standard sections (main section With minimum 1.5mm thickness) conforming to IS 733, IS 1285 mitred and jointed mechanically including aluminium cleats neoprene weather stripping gasket beveled edge beading screws duly fixed in wall/ floor With fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS 186B minimum anodic coating shall be Of grade AC-15 Glazin to be aid for se ratel For fixed portion	55	kg
20	9.50	Providing and fixing 12mm thick pre-laminated particle board flat pressed With decorative lamination and balancing lamination on specified sides exterior Grade — MDF Board 12 mm thick confirring to IS: 1 4587, including fixed in aluminium doors, Windows shutters and partition frames With C P brass/ stainless steel screws etc. complete With decorative lamination on both side	41	sqm
21	9.51	Providing and fixing glazing in aluminium door Window, ventilator shutters and partitions etc. With PVC/ neoprene gasket etc complete (Cost Of aluminium sna beadin shall be aid in basic item : With float glass panes Of 6 mm thickness	20	sqm
22	9.57	Providing stainless steel railing/ grill made Of S.S flats, hollow S.S pipe or square/ rectangular sections Of approved design fixing in stair case, balcony or other places With metal fasteners and stainless steel etc complete SS Grade 204	30	kg
23	10.12	Supply and fixing Of polymer precooled galvalume profile sheets (PPGL) Of approved size, shape and pitch Of corrugation, total coated thickness JCT 0.60 mm +/- epoxy primer on both side Of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film Of 25 microns minimum to avoid scratches While transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall fixed using self drilling 'self tapping screws Of size (5.5x 55mm) With EPDM seal or With polymer coated J or L hooks. and nuts 8mm diameter With bitumen and limpet washers or With G.I. limpet washers filled with White lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost Of purlins, rafters and trusses and includin cuttin to size and sha wherever reured	30	sqm
24	10.63	Providing and fixing 97 mm thick Gypsum partition upto ceiling height consisting Of frame work / "U" / "L" sections made Of GI sheet With zinc coating Of gade 120, consisting Of floor and ceiling channel 50mm Wide having equal flanges Of 32mm and O 55mm thick fixed to the floor and ceiling at the spacing Of 610mm centre to centre With dash fastener Of 12.5mm diameter 40mm length and the studs 48mm Wide having one flange Of 34mm and other flange 36mm and O 55mm thick fixed vertically Within flanges Of floor and ceiling channel and placed at a spacing Of 610mm centre to centre by 'mm dia and nuts at ends Of partition fixed flush to wall With raw' plugs at spacing Of 450mm centre to centre and fixing Of to either side Of frame work by 25mm dry wall screws on studs, floor and ceiling channels at the spacing Of 300mm centre to center and 97mm thick Gypsum board Which includes one layer Of tapered edge 12.5mm thick Gypsum plaster (conforming IS. 2095-19821 screw fixed With 25mm screws at 300mm centre to centre to either side, including jointing and finishing to a flush finish With recommended jointing compound, jointing tape, joint finisher and two coats Of primer suitable for beard as per manufactures cification and Direction Of En	15	sqm
25	11.2	Providing and making 12mm thick cement plaster Of mix. In Cement Mortar I (1 cement 6 fine sand)	25	sqm
26	12.3	Cement concrete flooring with cement concrete (1 cement 2 coarse sand 4 graded stone aggregate 20mm) finished With a floating coat Of neat cement 40 mm thick	25	sqm
27	14.56	Providing and applying 2mm thick White cement based polymeric Exterior grade Putty With minimum 3 coats applied @ 5.4 kg/ 10Sqm as per relevant IS code 17545:2021 (Product such as Birla wall care, Asian truecare, JK wall putty, Berger Bison wall putty) to make the surface smooth and even With all tools tackles and labour etc. complete for the work	110	sqm
28	14.60	Providing and applying Of Acrylic primer on all surface applied @ 0.80 litres/10 sqm as per relevant IS. code 15489:1974 Product such as Asian Spark/suprimo, JK. Primer, Dulux Acrylic Primer) With all tools tackles and labour etc. complete for the work.	150	sqm
29	14.69	Providing and applying exterior surface With PREMIUM HEAVY DUTY Glossy or Matt Finish Exterior Emulsion paint Of required shade to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant IS Code 154890013 Type -2 Class D, C, B A Glossy / matt / Egg Shell finish having high DFT and silicon additive for elastomeric property (Product such as Asian ultima, Dulux Weathershield Maxx, Berger Weathercoat All Guard Nerolac Excel Total Nippon Durafresh Expert, Opus Tru Look) inclusive Of providing abro tape on edges and article and cleaning Of door. Windows, floor and surface as required With all tools tackles and labour etc. complete for the work.	110	sqm
30	14.74	Providing and applying priming coat on steel work With red oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536: 1 999 (product such as Asian Zinc phosphate, Dulux Steel primer, Burger Red oxide primer) With all tools tackles and labour etc. complete for the work.	35	sqm
31	17.1	Repairs to plaster in patches Of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface Of the walls With cement mortar I (1 cement fine sand) complete including disposal Of rubbish to the dumping ground Within 50metres lead Thickness upto 15mm	78	sqm

Should

32	17.2	Providing and replacing broken floor tile With ceramic glazed floor tiles conforming to IS : 15622 Of approved size, make, colour, shade laid on 20 mm thick Cement Mortar (1 cement : 4 coarse sand) including removing the broken tile and mortar, pointing the joints With White cement mixed With matchin i ment etc , complate Size 300x300mm	30	sqm
33	17.5	Providing and replacing broken floor tile With vitrified floor tiles With soluble salt printing, Of size 600x600mm With water absorption less than 15% and conforming to IS 15622 Of approved make. laid on 20mm thick cement mortar (1 cement 4 coarse sand) including removing the broken tile and mortar, grouting the joints With White cement and matching pigments etc. com late:	15	sqm
34	17.7	Providing and replacing broken vitreous china water closet squatting pan (Indian type) including removing the broken squatting pan and mortar, cutting and making good the walls and floors wherever required: White Long pattern W.C. pan Of size 580 mm	5	each
35	17.8	Providing and replacing broken vitreous china water closet (Europeantype W.C.pan) including removing the broken water closet (European type W.C. pan) cutting and making good the walls and floors wherever required White pedestal type	5	each
36	18.7	Providing and fixing 10 litre capacity P. V.C. low level flushing cistern conformin to IS : 7231, With all fittings and fixtures complete White	5	each
37	18.13	Providing and fixing White vitreous china urinal basin With waste fitting as per IS : 2556, and other couplings in C.P. brass complete. Flat back half stall urinal Of size 460x380x250mm	5	each
38	18.17	Providing and fixing vitreous china wash basin With C.I. brackets. 32 mm CP. brass waste Of standard pattern, including painting Of brackets, cutting and each making good the walls wherever required. White Size 550x400 mm	5	each
39	18.25	Providing and fixing flexible P. V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.		
	18.25.1	32 mm dia	6	each
	18.25.2	40 mm dia	6	each
40	19.4	Providing and fixing Chlorinated Polyp'inyll 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 m spacing This includes jointing Of pipes & fittings With one step CPVC solvent cement and testing Of joints complete as per direction Of Engineer in Charge.		
	19.4.1	15 mm nominal outer dia.Pipes.	6	mtr
	19.4.2	20 mm nominal outer dia.Pipes.	6	mtr
41	19.6	Providing and fixing Chlorinated Polyp'inyll Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing Of pipes & fittings With one step CPVC solvent cement, trenching, refiling testing Of joints complete as per direction Of Engineer in Charge.		
	19.6.1	15 mm nominal outer dia pipes	6	mtr
	19.6.2	20 mm nominal outer dia pipes	6	mtr
42	19.7	Providing and fixing on wall surface G.I. pipes medium class complete With G.I. fittings and clamps, including cutting, making good the walls etc and testin Of Oints com etc:		
	19.7.1	15 mm dia.nominal bore	7	mtr
	19.7.2	20 mm dia.nominal bore	7	mtr
	19.7.3	25 mm dia.nominal bore	7	mtr
43	19.10	Making connection Of G_I_ distribution branch in G.I. main Of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: Idia Of main line to be measured)		
	19.10.1	25 mm nominal bore	5	each
	19.10.2	32 mm nominal bore	5	each
44	19.11	Providing and fixing G.L union in pipe (New work) including cutting and threading the pipe and making long screws etc. complete:		
	19.11.1	15 mm nominal bore	5	each
	19.11.2	20 mm nominal bore	5	each
	19.11.3	25 mm nominal bore	5	each
45	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of a roved uarly;		
	19.13.1	Bib cack (250 grams)	10	each
	19.13.2	Bib cack (350 grams)	6	each
46	19.14	Providing and fixing 15 mm nominal C P _ brass fittings Of approved make and conforming to ISB931 including C.P. brass extension if required:		
	19.14.11	Hand shower set With flexible extension pipe	5	each
	19.14.13	Toilet paper holder	5	each
	19.14.16	Towel rail (600mm long x 20mm dial	5	each
	19.14.17	Towel ring (150 mm dial	5	each
47	19.16	Providing and fixing brass/ gun metal gate valve With C.I. wheel Of approved quaity (screwed end): 25 mm nominal bore	5	each

Signature

48	19.8	Constructing masonry Chamber 120x120x100 cm inside With modular well burnt clay bricks Of 35 kg/ cma in cement mortar 1 (1 cement 4 coarse sand) for sluice valve, With C] surface min. top diameter, 160 mm bottom diameter and 180 mm deep (inside) With chained hd and RCC top slab 1 mix 11 cement coarse sand 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 11 cement 5 fine sand 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 11 cement 3 coarse sand) 12 mm thick finished With a floatin coat Of neat cement corn lere as erastandard desi n	1	each
Electrical SOR				
49	31.11	Painting Of following height steel tubular poles with two coat Of enamel paint Of approved brand and colour including clearing the surface as per specification upto 6 metre	5	each
50	32.1	Supplying following sizes ISI marked FRLS PVC insulated copper conductor, single core wire in company pack coils.		
	32.1.1	1.5 sq. mm	5	mtr
	32.1.2	2.5 sq. mm	5	mtr
51	32.2	Providing following size ISI marked FRLS PVC insulated PVC sheathed, flexible copper conductor wire.		
	32.2.4	1.5 sq. mm three core	10	mtr
	32.2.6	4.0 sq. mm three core	10	mtr
52	32.7	Supplying following sizes FRLS PVC insulated , PVC sheathed, steel armoured, aluminium conductor power cable Of 11 KV grade IS- 1554 (1983, Part 1) / IS- 709B (1983, Part 1).		
	32.7.16	3.5 x 120 sq. mm	10	mtr
	32.7.18	3.5 x 185 sq. mm	10	mtr
	32.7.22	4 x 10 sq. mm	10	mtr
53	32.12	Supplying fol Ow'ng Modular base & cover plate in sealed company packing.		
	32.12.5	6 Module	5	each
	32.12.6	8 Module	5	each
	32.12.7	12 Module	5	each
	32.12.8	16 Module	10	each
54	32.13	Supplying following modular switch, socket, Other accessories in sealed company packing.		
	32.13.1	5/6 amps one way switch	5	each
	32.13.2	5/6 amps two way switch	5	each
	32.13.3	Bell push	5	each
	32.13.4	1 5/16 amp switch	5	each
	32.13.5	3 pin 5/6 amp outlet	5	each
55	32.14	Supplying fol Ow'ng accessories in delux quality in company packing.		
	32.14.8	Call bell/ buzzer, ACIDC, single phase	5	each
	32.14.9	Call bell with cordless bell push (bell operated on 230V AC and bell push with battery cell)	5	each
56	32.15	Supplying following ISI marked piano type switch, socket and Other accessories		
	32.15.1	5/6 amps one way switch	5	each
	32.15.2	5/6 amps two way switch	5	each
	32.15.3	Bell push	9	each
57	32.2	Supplying Of fol Ow'ng sizes ceiling fan		
	32.2.3	1200 mm sweep	5	each
	32.2.4	1400 mm sweep	5	each
58	32.74	Supplying Of fol Ow'ng COB LED Spot Light with Electronic Driver Heat sink Capacitor		
	32.74.1	6 watt	5	each
	32.74.2	9 watt	5	each
	32.74.3	20 watt	5	each
59	32.75	Supplying Of fol Ow'ng LED tube light with E lectronic Driver Heat sink Capacitor 10 watt (2 feet)	7	each
60	32.111	Supply of approved make wall mounting type voltage stabilizer with input volts 160-250, Output volts 200-240 volts as per specification		
	32.111.1	4 KVA	5	each
	32.111.2	5 KVA	8	each
61	32.117	Supply of following type LED Driver for COB lights Of approved make		
	32.117.1	6-15 watt	7	each
	32.117.2	20 watt	8	each

Shouk

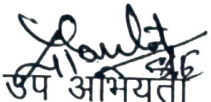
कार्यालय नगर पालिक निगम भिलाई

कार्य का नाम :- मुख्य कार्यालय में भवनों का संधारण कार्य। (वार्षिक)
// नियम एवं शर्तें //

1. भवनों का संधारण हेतु नियम शर्तों के अनुसार संधारण करना होगा।
2. एजेंसी द्वारा सामग्री में पुणवत्ता युक्त सामग्री का उपयोग करना होगा।
3. अधिकारियों द्वारा समय-समय पर निर्देश देने पर तत्काल कार्य करना होगा।
4. सिविल कार्य का अनुभव प्रमाण पत्र देना अनिवार्य होगा।
5. ऑफर स्पीड पोस्ट/रजिस्टर्ड डाक पोस्ट से ही स्वीकार किया जायेगा।
6. अनुबंधित एजेंसी निर्धारित अवधि तक कार्य नहीं छोड़ सकेगा न ही किसी अन्य को हस्तांतरण कर सकेगा। यदि अनुबंध के बीच की अवधि में कार्य छोड़ा गया तो पुनः निविदा बुलाकर हानि की क्षतिपूर्ति अनुबंधकर्ता से की जा सकेगी तथा उनकी सुरक्षा राशि राजसात कर ली जाएगी।
7. कार्य के दौरान किसी प्रकार की प्रतिकूल परिस्थितियों की समस्त जिम्मेदारी अनुबंधित एजेंसी को होगी।



कार्यपालन अभियंता
नगर पालिक निगम
भिलाई



उप अभियंता
नगर पालिक निगम
भिलाई