

CORRIGENDUM- 1 Dated 30/10/2024

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|---------------------|--|--------------------|------------------------------------|---|
| Description | Bidders Query & Clarifications | | | |
| BYPL NIT NO: | CMC/BY/24-25/RS/SvS/VK/40 Dated: 12.10.2024 | | | |
| Work: | Civil work required for addition of one No. 20 MVA Power transformer at Sonia Vihar Grid of BYPL | | | |
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| Sl. No | NIT Clause Reference | Description | Bidder's Query | BYPL's Reply / Clarifications |
| 1 | SECTION- VI, PRICE BID | PRICE BID | UoM of Many items are not correct. | Price bid format has been revised which is attached herewith. |

SECTION - VI: PRICE BID

PART-A : Construction of new battery room, maintenance room, toilet, trenches ,dismantling of wall, raising of gate, boundary wall and other related civil works

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|--|--------|------|--------------------------|----------------------------|
| 1 | Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) | 24.00 | Cum | | |
| 2 | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. | 650.00 | Sqm | | |
| 3 | 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) | 100.00 | Cum | | |
| 4 | Providing and laying PVC pipe of approved make for sewer line jointed with jointed materials including testing of joints etc. complete : 150mm dia PVC pipe (6 kg/sq cm) | 15.00 | Mtr | | |
| 5 | P/F drainage pump of approved quality and make (cromton ,greaves make , KIRLOSKER / KSB /WASP) pump 5 HP .3 phase as direction of Engineer -in charge fitting ,wiring etc complete. | 2.00 | Nos | | |
| 6 | Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S.clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners,connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. | 120.00 | Sqm | | |
| 7 | Point wiring in PVC conduit, with modular type switch : Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable G.I. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. Group C (AR559) | 50.00 | Pnt | | |
| 8 | Providing and fixing Exhaust Fan of size 12" of Crompton make. | 8.00 | Ea | | |
| 9 | S/F DP MCB isolator : Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections. testing and commissioning etc. as required.63 Amps. | 10.00 | Ea | | |
| 10 | S/F Piano type switch/socket : Supplying and fixing following piano type switch/socket on the existing swith box/cover including connections etc. as required. 5/6 amps switch. | 20.00 | Ea | | |
| 11 | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 amps switch | 20.00 | Ea | | |
| 12 | Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required .2x1.5 sq.mm | 250.00 | Mtr | | |
| 13 | Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (Note :- Cement content considered in this item is @ 330 kg/cum). All works upto plinth level (5.37.1) | 97.00 | CUM | | |
| 14 | S/F Piano type switch/socket : Supplying and fixing following piano type switch/socket on the existing swith box/cover including connections etc. as required. 3 pin 5/6 amp socket outlet. | 20.00 | Each | | |
| 15 | Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 3 x 4 sq. mm | 250.00 | Mtr | | |

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|---|--------|------|--------------------------|----------------------------|
| 16 | Providing, Fixing, Testing, Commissioning of Fire Alarm Control Panel complete with a) 2 zone control system with built in hooter. B) Fire / Open / Short test alarm and indicator of zones + burglar alarm system + 6-8 hrs battery back up. c) Rectifier / Charger with control fuse & 3 mtr. long 3 core x 2.5 sqmm PVC flexible cable with 15 A Plug-Top. d) 16 gauge CRCA casing box complete with mounting brackets and fixing accessories. | 2.00 | SET | | |
| 17 | Providing, Fixing, Testing, Commissioning of Apollo make Automatic detectors complete with detector elements, local indicator with internal wiring terminated in connector, fixing accessories for detector such as PVC junction box etc. Dual chamber ionization type smoke detector Apollo make | 8.00 | Each | | |
| 18 | P/F/T/C of fan regulator of Roma make. | 5.00 | Each | | |
| 19 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 10 sq. mm + 1 X 10 sq. mm earth wire. | 300.00 | Mtr | | |
| 20 | Termination of 2 core 6 sq. mm. PVC insulated armoured aluminium conductor cable using Flange type brass cable glands & Dowell's make aluminium crimping type lugs. | 20.00 | Ea | | |
| 21 | Providing and fixing Testing & commissioning of 450mm dia heavy duty Exhaust Fan with louver of approved make.(crompton greaves) | 5.00 | Ea | | |
| 22 | Providing GI pipe of 100 mm dia as per direction of engineer incharge. | 20.00 | Mtr | | |
| 23 | SUPPLY, INSTALLATION OF KK MAKE FACTORY MADE 70MM THICK PRECAST RCC TRENCH COVER OF VARIOUS SIZE UPTO 1500 MM IN LENGTH, 300 MM IN WIDTH WITH TMT STEEL REINFORCEMENT BAR OF 8MM DIA 4NOS ALONG LENGTH AND 6MM DIA C/C SPACING OF 150 MM & TWO NO. GI HOOKS OF FOR LIFTING, MINIMUM GRADE OF CEMENT CONCRETE M-30 GRADE, TRENCH COVER SHALL HAVE BOTH KK AND BYPL LOGO WITH FOLLOWING SIZE. 300 LENGTH X 1400 WIDTH X 70MM THICKNESS-536 PCS 300 LENGTH X 11300 WIDTH X 70MM THICKNESS-89 PCS | 348.00 | Sqm | | |
| 24 | SS D Handle :- Supply of 450 mm Long / 25 mm Dia / SS 304, Finish : Satin of DORMA (Model No. TGDH) Make | 2.00 | Pair | | |
| 25 | Panic Bar S/L :-Supply of DORMA (Model No. PHCR 1000) Make Single Leaf Panic Bar Single Point, Silver Finish | 1.00 | Each | | |
| 26 | Panic Trim:- Supply of DORMA (Model No. PHCR 2905) Make Panic Trim with Latch Handle | 2.00 | Each | | |
| 27 | P/f 20 watt LED tube light complete in all respect. | 10.00 | Each | | |
| 28 | Supply & Installation of 46mm thick Metal fire check door of 120 minutes' fire rating conforming to BS: 476 Part 22 and IS: 3614 Part II fabricated with 2 nos. 1.2mm thick galvanized sheet with infill of fire rated Acrylic Sealant and non-combustible core bonded to both faces of sheet with lock seam joints at stile edges and internal reinforcement at top, bottom and stile edges for Fire Rating. The door frames are manufactured from 1.6mm thick galvanized steel sheet pressed form to double rebate profile of size 143mm x 57mm duly filled with vermiculite based concrete mix. The door frames and door shutters are finished with powder coated Smoke grey finish.(as per approved shade) | 5.00 | Sqm | | |
| 29 | Fastener:- Supply of Fasteners 10 X 80 mm (08 Nos for Each Door) Hilti make | 15.00 | Each | | |
| 30 | Hinges:- Supply of SS Ball Bearing Hinges of Size 102 X 76 X 3mm Complete With Ss Screws of DORMA (Model No : 3090F) Make | 5.00 | Each | | |
| 31 | Vision Panel:- Supply of 6 MM Thick Clear Glass - Schott- Pyran Make- (200 X 300mm) | 2.00 | Each | | |
| 32 | Door Closer:-Supply of DORMA (Model No. TS - 78) Make Door Closer | 2.00 | Each | | |
| 33 | Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. (15.25-AR280) | 103.00 | Cum | | |
| 34 | 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. | 125.00 | Cum | | |
| 35 | 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, shade 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. | 138.00 | Sqm | | |

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|--|---------|------|--------------------------|----------------------------|
| 36 | 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/ panelling, C.P.brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling 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) (21.1.1.1-AR461) | 250.00 | Kg | | |
| 37 | 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 5.50 mm thickness, (21.3.2 -AR466) | 1124.35 | Sqm | | |
| 38 | 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) | 24.00 | Cum | | |
| 39 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:2:4 (1 Cement : 2 Coarse Sand : 4 Graded stone agg. 20 mm nominal size) | 8.53 | Cum | | |
| 40 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:4:8 (1 Cement : 4 Coarse Sand : 8 Graded stone agg. 40 mm nominal size) | 36.00 | Cum | | |
| 41 | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement – All work upto plinth level 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size). | 1.00 | Cum | | |
| 42 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | 2.00 | Cum | | |
| 43 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of engineer in charge. Nominal concrete : 1:4:8 or leaner mix (i/c equivalent design mix) | 11.60 | Cum | | |
| 44 | Demolishing R.C.C. work manually /by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-In-charge. | 5.00 | Cum | | |
| 45 | Demolishing brick work manually /by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-In-charge.: In cement mortar (15.7.4-AR271) | 45.00 | Cum | | |
| 46 | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area beyond 3 sq. metres (15.12.2-AR275) | 5.00 | Each | | |
| 47 | Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge.2.6.1 All kinds of soil | 185.00 | Cum | | |
| 48 | Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete. | 24.00 | Cum | | |
| 49 | Filling available excavated earth (excluding rock) in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm in depth : consolidating Ea deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m | 94.00 | Cum | | |
| 50 | 12 mm cement plaster of mix: 1:4 (1 cement : 4 coarse sand) (13.4.1-AR194) | 481.00 | Sqm | | |
| 51 | 15 mm cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall. | 263.00 | Sqm | | |
| 52 | Cement plaster 1:3 (1Cement : 3 Coarse sand) finished with a float of neat cement: 12 mm cement plaster.(13.9.1-AR199) | 20.00 | Sqm | | |
| 53 | 6mm cement plaster to ceiling of mix: 1:3 (1 cement : 3 fine sand) | 164.00 | Sqm | | |
| 54 | Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete. as per manufacturer's specification. Two or more coats on new work.(13.42.1-AR212) | 1015.00 | Sqm | | |
| 55 | Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @2.20kg/10 sqm). | 500.00 | Sqm | | |
| 56 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work | 310.00 | Sqm | | |

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|--|---------|------|--------------------------|----------------------------|
| 57 | Washed stone grit plaster on exterior walls height upto 10 Meter. above ground level, in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15mm cement plaster 1:1/2:2 (1cement : 1/2 coarse sand : 2 stone chipping 10mm nominal size) in panels with groove all around as per approved pattern including scrubbing and washing. the top layer with brushes and water to expose the stone chippings, complete as per specification and direction of Engineer-In-Charge (Payment for providing grooves shall be made separately) (13.72-AR224) | 390.00 | Sqm | | |
| 58 | Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden battens, nailed to the under layer including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specification and direction of the Engineer-In-Charge. 20 mm wide and 15 mm deep groove (13.73.2-AR226) | 600.00 | Rmt | | |
| 59 | Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as white, ivory, grey fume red brown, laid on 20mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete. | 160.00 | Sqm | | |
| 60 | Cutting holes upto 23x23x25 cm in walls & making good the same after fixing hangers in CC 1:2:4 (1 Cement : 2 Coarse sand : 4 Graded stone agg. 20 mm nominal size) | 60.00 | Each | | |
| 61 | Supplying and stacking of good earth with fine mix good building malba at site including royalty and carriage for all leads & lifts | 33.00 | Cum | | |
| 62 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. | 130.00 | Cum | | |
| 63 | Providing and fixing by welding 65 mm size M.S. Hinges made out of 5mm thick M.S. sheet i/c nuts, bolts etc. complete to M.S. angles/channels as approved by Engineer-In-Charge . The cost is inclusive of material, cartage, welding etc. complete job. | 8.00 | Each | | |
| 64 | Dismantling of existing PVC Partition, PVC door shutters including cutting of hinges, dismembering of PVC panels cutting of height of the door shutter etc. Re-fixing of PVC panels, angles, beadings door shutter using the existing materials complete as required for new location as per the directions of Engineer-in-charge. The job is inclusive of the cost of new 1/4" steel screws, M.S. hinges etc. (AR291) | 50.00 | Sqm | | |
| 65 | Centring and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases of columns. | 191.00 | Sqm | | |
| 66 | Centring and shuttering including strutting, propping etc. and removal of form work for: Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets , kerbs and step etc. | 474.00 | Sqm | | |
| 67 | Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete. cold twisted bars | 5960.00 | Kg | | |
| 68 | Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 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 : W.C. pan with ISI marked white solid plastic seat and lid.(17.2.1-AR302) | 1.00 | Ea | | |
| 69 | Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and GI clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern (17.4.2-AR304) | 1.00 | Ea | | |
| 70 | 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 630x450 mm with single 15 mm C.P. brass pillar tap (17.7.2-AR308) | 1.00 | Ea | | |
| 71 | 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. | 7229.00 | Kg | | |
| 72 | Providing/fixing by welding (IRC fabric) welded mesh of size 25x75 mm of weight not less than 7.75 kg/ sqm to the frame of MS angles, tees, etc. including priming coat of approved brand. (AR85) | 465.00 | Kg | | |

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|---------------------------------------|--|-------|------|--------------------------|----------------------------|
| 73 | Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations. (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS: 2645 and approved by Engineer -in charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25mm to 115mm size with 50% of cement mortar 1:5 (1cement : 5coarse sand) admixed with water proofing compound conforming to IS: 2645 and approved by Engineer -in charge over 20 mm thick layer of cement mortar of mix 1:5 (1cement : 5coarse sand) admixed with water proofing compound conforming to IS: 2645 and approved by Engineer -in charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS: 2645 and approved by Engineer -in charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1cement :4coarse sand) admixed with water proofing compound conforming to IS: 2645 and approved by Engineer-in-charge | 54.00 | Sqm | | |
| 74 | Providing and fixing brass bib cock of approved quality: 20 mm Nominal bore, (18.15.2-AR378) | 4.00 | Ea | | |
| Part-A: Total cost e/x GST@18% | | | | | |

PART-B: Construction of foundation of fire wall, extension of Bay, yard development, Cable Trench, Trench Cover, LA/CT/PT Breaker foundation and other related civil works at Sonia Vihar Grid

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|---|----------|------|--------------------------|----------------------------|
| 1 | Earth work in excavation by meachanical means (hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm ion plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting outy the excavated soil and disposal of surplus excavated soil, as directed, within a lead of 50m. all kind of soil. | 823.86 | Cum | | |
| 2 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:4:8 (1 Cement : 4 Coarse Sand : 8 Graded stone agg. 40 mm nominal size). | 48.69 | Cum | | |
| 3 | Centring and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases of columns. | 359.43 | Sqm | | |
| 4 | Centring and shuttering including strutting, propping etc. and removal of form work for: Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets , kerbs and step etc | 4.80 | Sqm | | |
| 5 | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level-1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) | 3.61 | Cum | | |
| 6 | Reinforced cement concrete work 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 centring, shuttering, finishing and reinforcement : 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) | 85.67 | Cum | | |
| 7 | Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete. cold twisted bars | 12861.62 | Kg | | |
| 8 | 12 mm cement plaster of mix: 1:4 (1 cement : 4 coarse sand) | 693.93 | Sqm | | |
| 9 | 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 : 6 (1 cement : 6 coarse sand). | 85.41 | Cum | | |
| 10 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:2:4 (1 Cement : 2 Coarse Sand : 4 Graded stone agg. 20 mm nominal size) | 4.98 | Cum | | |
| 11 | Supplying and spreading uniformly in yard of grid s/stn. blue stone aggregate 20 mm single size of good quality i/c loading, unloading for all leads & lifts complete, as per direction of Engineer in charge. | 78.00 | Cum | | |
| 12 | 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. | 3464.83 | Kg | | |
| 13 | Steel work welded in built up sections/framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc.as required.- In gratings, frames, guard bar, ladder, railings, brackets, gates & similar works. | 4813.65 | Kg | | |
| 14 | Structural steel work 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: Using ISMB, heavy section of angle and channel for truss, supporting structures | 790.49 | Kg | | |
| 15 | Providing and fixing M.S. Sheet of required thickness to M.S frames by welding. (The cost includes the cost of M.S. sheet, cutting, straightening, labour, cartage, welding rods, hire charges of welding machine etc. complete) as per direction of Engineer-In-Charge. | 0.00 | Kg | | |
| 16 | Providing and fixing in cement mortar 1:6 (1 cement : 6 Coarse sand) red sand stone slabs 30 mm thick over 20mm thick cement mortar 1:4 (1 cement : 4 Coarse sand). | 816.47 | Sqm | | |

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|--|---------|-------|--------------------------|----------------------------|
| 17 | Providing and fixing by welding 65 mm size M.S. Hinges made out of 5mm thick M.S. sheet i/c nuts, bolts etc. complete to M.S. angles/channels as approved by Engineer-In-Charge . The cost is inclusive of material, cartage, welding etc. complete job. | 8.00 | Each | | |
| 18 | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete: 250 mm dia RCC pipe., | 60.00 | Meter | | |
| 19 | Filling available excavated earth (excluding rock) in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm in depth : consolidating Ea deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m | 189.08 | Cum | | |
| 20 | Neat cement punning | 747.14 | Sqm | | |
| 21 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of engineer in charge. Nominal concrete : 1:4:8 or leaner mix (i/c equivalent design mix) | 61.17 | Cum | | |
| 22 | Demolishing brick work manually /by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-In-charge.: In cement mortar | 17.25 | Cum | | |
| 23 | Demolishing Flat brick flooring with over burnt bricks (chatka) on bed of 10 mm thick cement 1:6 (1 cement : 6 coarse sand) & filling the joints with same cement mortar | 856.47 | Sqm | | |
| 24 | Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @2.20kg/10 sqm) | 160.80 | Sqm | | |
| 25 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. | 1078.75 | Cum | | |
| 26 | Removing of damaged / broken / twisted IRC welded mesh fencing panels repairing of damaged / broken members , replacing new members if required, setting right the fencing panel in proper shape and size as per site requirement, re-fixing of panel at old location / new location in proper position and required alignment, Rate includes the cost of all labour , T & P , welding rods, welding machine, etc complete. The cost of structural steel and nut bolts, washers, IRC welded Mesh etc., if required will be paid separately | 65.50 | Sqm | | |
| 27 | Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (Note :- Cement content considered in this item is @ 330 kg/cum). All works upto plinth level | 97.65 | Cum | | |
| 28 | 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 | 105.99 | Sqm | | |
| 29 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture. | 228.60 | Sqm | | |
| 30 | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete: 150 mm dia RCC pipe., | 60.00 | Mtr | | |
| 31 | Making opening in RCC slab up to 12 inches thick dimond core cutting machine. Cost is inclusive of all transportation and carriage of M/C to desired floor levels complete as per direction of Engineer Incharge. | 1.00 | Each | | |
| 32 | Providing sand stone slab for roofing and laying them in cement mortar 1 : 4 (1 cement : 4 coarse sand) over wooden karries or R.C.C. battens or structural steel sections (Karries or battens or structural steel sections to be paid separately), including pointing the ceiling joints with cement mortar 1:3 (1 cement : 3 fine sand) complete : Red sand stone slab 40 to 50 mm thick | 14.80 | Sqm | | |
| 33 | Supplying and stacking of good earth at site including royalty and carriage for all leads & lifts (earth measured in stacks will be reduced by 20% for payment). | 33.09 | Cum | | |
| 34 | Providing and fixing (factory made) precast c.c. kerb stone size with one side taper of 100 mm shadow of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm down nominal size) steam moulded and compressed hydraulic presure of 3000 psi in ready size and the like including fixing in c.m 1:2 (1 cement : 2 fine sand) including required centring and shuttering etc. complete as per direction of Engineer-in-charge. 300 x 300 x 150 mm | 36.00 | Mtr | | |
| 35 | Taking out the kerb stone and refixing of the same ,setting in position to the defined line,leveland curvature ,jointedwith cement motrtar1:3(1 cement:3 coarse sand) including making joints with or without groove(thicknessof joints except at sharp curve not to be more than 5mm)including preparationof earthen base to facilitate embedding of kerb stone uptoat least 7.5 cmbelow the adjoining finished road surface complet as per the direction of engineer(length of finished kerb edging shall be measured at its top surface for payment) | 40.30 | Mtr | | |
| 36 | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:5:10 (1 Cement :5 Coarse Sand :10 Graded stone agg. 40 mm nominal size) | 76.19 | Cum | | |
| 37 | Making pocket in RCC/cement concrete by using of steel/wooden box and removing the same after hardening of cement concrete of size: 0.30x0.30x0.45 mtr. | 16.00 | Each | | |
| 38 | Making pocket in RCC/cement concrete by using of steel/wooden box and removing the same after hardening of cement concrete of size: 0.15x0.15x0.45 mtr. | 28.00 | Each | | |

| S.No. | Description of item | Qty | Unit | Rate (in Rs.) e/x GST | Amount (in Rs.) e/x GST |
|-------|---|----------|------|--------------------------|----------------------------|
| 39 | Making pocket in RCC/cement concrete by using of steel/wooden box and removing the same after hardening of cement concrete of size: 0.45x0.45x1.5 mtr. | 16.00 | Each | | |
| 40 | Supply and fabrication of galvanised MS structures (SAIL/TATA) or equivalent) as per app. Drawing specifications, terms & conditions and complete with contractors own steel i/c services and supply at site of work. | 11674.23 | Kg | | |
| 41 | Supply of galvanised (GKW) MS nuts and bolts washers of required size of approved specifications etc. | 752.50 | Kg | | |
| 42 | Erection Charges for Structural Steel i.e ISMB including making arrangement for lifting,hydraulic jack etc.for hoisting the member and fixing the same with MS Fasteners to frame as per direction of EIC. | 18498.57 | Kg | | |
| 43 | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared. | 1240.00 | Sqm | | |
| 44 | Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared. | 1240.00 | Sqm | | |
| 45 | Repair of compound gate / S.G. Gate / Tr Gate made up of welded mesh fencing by welding at site i/c P/f new hinges and replacing any damaged members like pipe, sq. bars, MS flat, weldedmesh / MS sheet etc. (Payments for new materials used if any, shall be made seperately under the respective head) | 16.80 | Sqm | | |
| 46 | Centring and shuttering including strutting, propping etc. and removal of form work for Columns, piers, abutments, pillars, posts and struts | 24.48 | Cum | | |
| 47 | Centring and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers. | 10.08 | Kg | | |
| 48 | Collecting the spreaded stone grit from yard, stacking at suitable places & relaying the same after proper screening/cleaning twice on the specified area of yard as per direction of engineer in charge | 30.00 | Kg | | |
| 49 | Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/ structure, upto 25 metre height, above ground level including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chalis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and / or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once only for execution of all items for such works. | 96.00 | Sqm | | |
| 50 | Add for plaster drip course/groove in plastered surface or moulding to R.C.C. projections | 169.50 | Mtr | | |
| 51 | Providing and laying autoclaved aerated cement blocks masonry with 100 mm thick AAC blocks in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work. | 7.04 | Cum | | |

Part-B: Total cost e/x GST@18%

Grand Total (Part A + Part B) excluding GST@18%

NOTE:

- 1) The price quoted above shall remain firm for the entire duration of the contract including the extension period, if any.
- 2) Reverse Auction (RA) is mandatory. RA methodology shall be informed separately to all the qualified bidders prior to RA.
- 3) The bids will be evaluated commercially based on the total all-inclusive price quoted by the bidders. However, BYPL reserves the right to split the work and award the contracts to more than one bidder.
- 4) The bidder shall quote the prices strictly in the above format/item description/content. The bid shall be liable for rejection if the contractor fails to do so.
- 5) The bidder needs to quote for all the line items as mentioned above; failing which the bids are liable for rejection.
- 6) The unit price to be indicated should be exclusive of GST which are to be indicated in separated rows meant for the purpose.
- 7) All materials are to be arranged by the contractor and test certificates are to be furnished by the contractor, wherever applicable.