

| BOQ FOR CIVIL WORKS | | | | | |
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| PEARSONMUN BRANCH(RENOVATION) | | | | | |
| Sl.No | Description of items | Unit | Qnty | Rate(Rs.) | Amount(Rs.) |
| 1 | Surface dressing of ground including removing vegetation and /or undulation of ground not exceeding 150mm deep and disposal of rubbish outside the periphery and lift up to 1800mm in all kinds of soil | sqm | 10 | | |
| 2 | Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified. | Cum | 5 | | |
| | (A) Up to a depth of 2.00m below the existing ground level. | | | | |
| | (a) In ordinary soil | | | | |
| 3 | Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. | Sqm | 24 | | |
| | (a).Stone/Boulder on flat soling. | | | | |
| 4 | Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). | cum | 2 | | |
| | (a) In prop 1 cement: 3 sand :6 coarse aggregate by volume | | | | |
| 5 | Providing form work of 12mm thick Plywood Board so as to give a rough finish including centering, shattering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in situ reinforced concrete and plain concrete work in: | Sqm | 15 | | |
| | Columns, Pillars, Posts & Strut of square/ rectangular/ polygonal in plan or any shape like Tee/L etc. having plane vertical face | | | | |
| 6 | Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) | cum | 1 | | |
| | (I) Using Mixer Machine | | | | |
| | (A) In substructure up to plinth level | | | | |
| | Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level. | | | | |
| | N) Without using admixture, plasticiser | | | | |
| 7 | b) M20 grade concrete or Prop. 1:1.5:3 | cum | 2 | | |
| | (B) In super structure from plinth level up to 1st floor level. | | | | |
| | N) Using water proofing agent | | | | |
| 8 | b) M20 grade concrete or Prop. 1:1.5:3 | Cum | 2 | | |
| | Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed. | | | | |
| | (II) In superstructure above plinth level up to 1st floor level. | | | | |
| 9 | (b) In proportion 1:4.(1 cement:4 sand) | sqm | 60 | | |
| | 230 mm thick brick wall in cement mortar with 1st class brick including racking out joints and curing complete as directed as directed in structure. | | | | |
| | (i) In sub-structure upto plinth level including dewatering if necessary | | | | |
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| | b) in propotion 1:3 | | | | |

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| 10 | 15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed. | Sqm | 120 | | |
| | A) On rough side and fair side | | | | |
| | b) In cement mortar 1:4 | | | | |
| 11 | CHOWKATHS Providing wood work in frame (chowkaths) of doors, windows, clerestory windows and other similar works wrought, framed and fixed in position in contact with C.C or brick masonry wall including supplying, fitting and fixing with M.S. hold fast (40mmx3mmx250mm) as per design embeded in cement concrete block in proportion 1:2:4 and with two coats of kiricide oiling to the timber faces in contact with C.C and masonry as directed and specified. | | | | |
| | (b) With 1st class timber (Bonsum/ Sundi) | Cum | 0.05 | | |
| 12 | ROOF TRUSS Providing undressed wood work in roof truss, rafter, purlin, tie and the like including hoisting and fixing in position with necessary spikes, nails including M.S straps with bolt and nuts etc.complete with kiricide oiling two coats to all timber members and two coats of anticorrosive paint to M.S straps (M.S flats, angle cleats, and bolt and nuts required for flat and angle cleats wherever used shall be measured and paid separately) | | | | |
| | (b) With Hollock/ Sundi/ Sam | Cum | 0.5 | | |
| 13 | Providing colour coated DURASHINE/TATA BLUESCOPE zinc-aluminium profile sheet(total coated thickness =0.45 mm)of nominal 1015mm effective cover width and nominal 28m deep ribs with subtle square fluting in the five pan nominal 203mm centre to centre including fasteners class 2 SDS,fiiting and fixing complete.(Roof trusses,purlins etc to be measured and paid seperately.) | sqm | 30 | | |
| | DURASHINE/TATA BLUESCOPE ROOF PROFILE(.45 MM(TCT)X1072MM) | | | | |
| 14 | Providing colour coated DURASHINE/TATA BLUESCOPE zinc-aluminium roof,wall and tile profile sheet accessories(total coating thickness = 0.45mm)including fasteners class 2 SDS,fitting and fixing completed. | rm | 20 | | |
| | Gutter/Flashings | | | | |
| 15 | Finishing old/ new wall with water proofing weather coat smooth anti-fungal exterior painting of Apex brand of Asian Paints and of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats) | Sqm | 68 | | |
| 16 | Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level) | Qtl | 3 | | |
| | a) From Primary Producer: TATA/SAIL/Esser Steel/ Jindal steel/Shyam steel/RINL | | | | |
| | (i) TMT Corrosion resistant steel (CRS) reinforcement bar | | | | |
| 17 | Removing white or colour wash by steel wire brushing and or scrapping,sand papering and preparing the wall surface smooth including necesry repairs to scratches complete. | sqm | 200 | | |
| 18 | Applying of one coat of cement primer of approved brand and manufacture on wall surfaces free from foreign matter and including preparing the surface even and sand papered smooth | sqm | 200 | | |
| 19 | Applying priming coat over old wood after removing old paint or polish from wood and wood base surfaces with paint remover of approved brand. With ready mix paint wood primer(white) | sqm | 30 | | |

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| 20 | Painting one coat (excluding priming coat)on old wood and wood based surfaces with enamel paint to give an even shade including cleaning the surface of all dirt,dust and other foreign matter sand papaering and stopping | sqm | 30 | | |
| 21 | Applying primary coat over old surface after removing old pain from steel and other metal surface and making the surface even. With ready mixed"red-oxide" primer | sqm | 50 | | |
| 22 | Painting two coats (excluding priming coat)on new steel and other metal surface with enamel paint of approved brand and manufacture(Asian paint/Berger paint/Nerolac) to give an even shade including cleaning the surface surface of all dirt,dust and other foreign matter.Surface over 100mm in width or girth | sqm | 50 | | |
| 23 | WALL PUTTY :Providing two coats of Birla White Wall Care Putty (Water Resistant White Cement based putty for concrete/ mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of emery stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department. (Total thickness of two coats is maximum 1.5mm) | sqm | 120 | | |
| 24 | Providing & applying 2coats of plastic emulsion paint after scrapping and preparing the old surface by way of POP punning 6 MM and filling up to even finish/as per approved make/shade including removing splashes & cleaning | sqm | 220 | | |
| 25 | Finishing old/ new wall with water proofing weather coat smooth anti-fungal exterior painting of Apex brand of Asian Paints and of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats) | Sqm | 50 | | |
| 26 | Providing and fixing of 600x600 mm size non skid vitrified flooring of minimum 8 mm thick in 1:4 cement mortar (20 mm thick bed)/synthetic adhesive as applicable. all joints filling shall be completed in all respect. Rate shall include the finishing joints joints with matching colour pigments (Basic rates of tiles Rs.650/- per sq.mt.). Rate to include cost of floor leveling properly before fixing of tiles with cement mortar. Double charge Make-KAJARIA/ORIENT BELL . Cost to include dismantling existing floor tiles , and disposing off same to dumping yard | sqm | 108 | | |
| 27 | BATHROOM FLOOR TILES: Providing Ceramic tiles of approved quality, shape and thickness not less than 8mm on floor, skirting over a cement mortar bed of 15 mm thick in prop 1:3 (1 cement : Coarse Sand) approved make fix with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement complete at all level as specified and directed | sqm | 8 | | |
| 28 | WALL TILES: Providing polished ceramic wall tiles of approved quality, size, shape and thickness not less than 8mm on walls and skirtings over cement mortar bed 10 mm thick in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey / Sika / Pedelite / Rouf) /white cement slurry mixed with approved pigment to match shade of tiles complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department). (Walls means both interior and exterior walls). | Sqm | 20 | | |
| 29 | Providing and fixing white vitreous china flat back front urinal basin in Off white colour of size 430x260x350 mm with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required-One urinal basin with 5 litre white chinaware automatic flushing cistern Parryware/Hindware/seabird/orient or equivalent 3 | nos | 1 | | |

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| 30 | Providing and fixing surgeon type SINK with a 15 mm CP brass pillar tap – 530x345 mm of SALEM STAINLESS STEEL | nos | 1 | | |
| 31 | PLUMBING AND SANITARY WORKS | | | | |
| | Providing and fixing in position European patterned water closet including traps, seats & lids, lead alkathene pipes etc conforming to relevant IS Specification and of approved make, in cement concrete 1:3:6 (1-cement: 3-coarse: 6-stone aggregates) complete with all necessary fittings including cutting and making good the walls and floors wherever required and as directed by the Engineer-in-charged. Jaquar make (White) : Size 623 x 480x 355- Anglo Indian S Trap (Cat No.CNS-WHT-WH12) (inclusive of seat cover) | each | 2 | | |
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| 32 | Supplying, fitting and fixing PVC flushing cistern with all internal fittings with CI brackets including fitting and fixing standard size CP flush pipe, union clamps etc. complete as directed and specified (pipes will be measured separately) | | | | |
| | Hindware Make (White) : Sleek + PVC Cistern | each | 2 | | |
| 33 | Providing vitreous China wash basin with CI/MS brackets, C.P brass chain with plug,PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required. (Pillar cock, stop cocks, waste coupling are to be paid separately) - PEDESTAL BASIN (with pedestal) | each | 2 | | |
| 34 | Providing, fitting and fixing Chrome Plated waste coupling complete as directed and specified. | each | 8 | | |
| 35 | Providing and fixing bathroom mirror complete directed | each | 2 | | |
| 36 | Supplying and fixing 100 mm dia soil pipes (1.80 m each) including cement mortar chaulk joints laid to the proper level, excavating the foundation and filling, dressing complete as directed. | | | | |
| | PVC pipes (150 mm) | metre | 40 | | |
| | PVC pipes (100 mm) | rm | 40 | | |
| | 100mm nahani trap heel | each | 4 | | |
| 37 | Providing and fixing pipes 15 mm dia including necessary sockets, bends, jamnuts, elbows, tees etc complete as directed. | | | | |
| | in the bathroom | | | | |
| | PVC | metre | 20 | | |
| | From plinth to the water supply tank etc | | | | |
| | PVC | metre | 25 | | |
| 38 | Supplying, fitting and fixing CP bathroom fittings 12 mm dia of approved brand complete as directed. | | | | |
| | Pillar cock | each | 3 | | |
| | Angular Stop cock | each | 8 | | |
| 39 | Providing and fixing complete as directed with all necessary fittings | | | | |
| | Toilet paper holder | each | 2 | | |
| 40 | Providing and fixing flush doors , 35 mm thick. of average size of 3'0"X7'-0" finished with 1.0 mm thick laminate on both the sides including door frame of size 2.5"x2.5''. Doors to be fixed with heavy duty door closer, with 1"dia and 15" long brush S.S.finish handle of approved make to be provided. All complete including locks and necessary hardwares etc | Each | 4 | | |
| 41 | Providing and fixing in position collapsible M.S shutters with vertical channels 20mm x 10mm x 2mm braced with flat iron diagonals 20mm x 5mm size with top and bottom rails of t-iron 40mm x 40mm x 6mm with 38mm dia steel pulleys complete with bolts and nuts,locking arrangement,stopppers,handles including applying a priming coat of red coat including enamel paint of black colour finish with all respect. | sqm | 7.000 | | |
| 42 | Providing and fixing rolling shutters of approved make made of 80mm wide M.S laths interlocked together through their entire length and jointed together at the ends by ends by endlocks mounted on specially designed pipe shaft with bracket plates ,guide channels and arrangements for inside and outside locking with push-pull operation complete including cost of wire,spring and hood cover for the shutters. | Sqm | 7.000 | | |
| Total Cost(exclusive of GST) | | | | | |

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| Rates are exclusive of GST | |
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