

SCHEDULE OF QUANTITIES

Name of work:- Installing Pre-fabricated security post at IIG Colaba Campus.

| Sr.No. | Item Description | Quantity | Unit | RATE | AMOUNT | |
|---------|---|----------|------|----------|--------|-----|
| 1 | 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. 2.8.1 All kinds of soil. cum 286.85 | 3.5 | Cum | 286.85 | 1004 | DSR |
| 2 | 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. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) | 3 | Cum | 10185.05 | 30555 | DSR |
| 3 | 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 | 2 | Cum | 253.95 | 508 | DSR |
| 4 | 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) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) | 1.5 | Cum | 6833.4 | 10250 | DSR |
| 5 | Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry with 150mm/230mm/300 mm thick with Grade-I AAC blocks of density 551 to 650 kg/ cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately). | 5.8 | Cum | 6994.15 | 40566 | DSR |
| 6 | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) | 85 | Sq.m | 294.85 | 25062 | DSR |
| 7 | Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm 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. sqm 1142.80 | 30 | Sq.m | 1142.8 | 34284 | DSR |
| 8 | 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. | 25 | Sq.m | 1063.45 | 26586 | DSR |
| 9 to 11 | 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 | 1 | each | 5540.55 | 5541 | DSR |

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| 12 | 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 or urinal cock of standard make 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. | 1 | each | 5268.85 | 5269 | DSR |
| 13 | 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 a single 15 mm C.P. brass pillar tap | 1 | each | 1913.75 | 1914 | DSR |
| 13.1 | Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore | 1 | each | 715.05 | 715 | DSR |
| 13.2 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore | 1 | each | 500.35 | 500 | DSR |
| 14 | Providing & fixing in position full ht. glazed partition of different heights made of 12mm thick toughened Glass fixed with Stainless Steel glazing profile at top and bottom. Vertical Glass to glass joints if required, should be filled with Silicon solution tube. The Rate is inclusive of transport, carriage of glass safely and fixing it with required hardware etc. complete. Glass should be of approved make and should have marking of toughening. All complete as per drawing, and direction of the competent authority. All the materials shall be of approved make. Payment shall be made for the elevational area of single side | 15 | Sq.m | 3500 | 52500 | MR |
| 15 | Sliding aluminium shutter | | | | | |
| 15.1 | 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) : (A) For fixed portion, Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) (B) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately), Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) (C) 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 mm thickness (weight not less than 12.50 kg/sqm) | 7 | Sq.m | 4500 | 31500 | MR |

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| 16 | Providing and fixing 12 mm thick toughened glass door shutter, all edge of toughened glass shall be mirror/ smooth polished .The rate shall include fixtures like SS pivot fittings, concealed floor spring of 120 kg wieght capacity with all patch fittings, patch lock, oval panel, "H" handle of 600mm Height 32mm dia, all fittings of S.S.304 grade, all the material and fittings of approved makes, all complete as per architectural drawings and as directed by competent authority. Payment shall be made for area of door shutter. | 3 | each | 9500 | 28500 | MR |
| 17 | Providing and fixing precoated galvalume iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc-Aluminium coating 150 grams per sqm as per IS: 15961-2012, in 550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto 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. | 30 | Sq.m | 750 | 22500 | MR |
| 18 | Providing and fixing precoated galvalume steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc -Aluminium coating 150 grams per sqm as per IS: 277, in 550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester topcoat 15-18 microns using self drilling/ self tapping screws complete :Gutter (600 mm over all girth) | 16 | RM | 350 | 5600 | MR |
| 19 | 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. | 1500 | Kg | 111.95 | 167925 | DSR |
| 20 | Providing and Fixing 0.8 mm thick steel deck profile sheet of pitch 230 mm (\pm 2 mm) crest height 51 mm (\pm 2 mm) and crest width 89mm (\pm 2 mm) total coating thickness with zinc -aluminium coating 120 grams per sq.m as per 15:277 in 240 MPA steel grade, primer and expoy colour coating of 10 micron each, bottom coating of 25 micron. The sheet shall be fixed using self drilling/self drilling /self tapping screws complete upto any pitch in horizontal/ inclined surface as per direction of competent authority. | 15 | Sq.m | 950 | 14250 | MR |
| 21 | Providing and fixing 12.5 mm thick tapered edge gypsum plain board false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centreand also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per direction of the competent authority. | 39 | Sq.m | 850 | 33150 | MR |

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| 22 | Providing all drainage system and water supply system for toilet portion i/c nahani trap, PVC waste pipe, conniction to nerest manhole i/c cutting and making good as per requirement for drainage system and CPVC water supply pipe line to supply water to all sanitary fittings i/c conniction with existing water supply line as per requirement and as directed by competent authority. | 1 | Job | 124800 | 124800 | MR |
| 23 | Providing and fixing necessary electrical point i/ complete wiring, switch board with switches and plug point of approved make as per requirement.. | 18 | each | 800 | 14400 | MR |
| 24 | Providing and fixing necessary light fittings of approved make and as per requirement. | 15 | each | 590 | 8850 | MR |
| 25 | Painting of internal and external surface | | | | | |
| 25.1 | Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement prime | 55 | Sq.m | 162.55 | 8940 | DSR |
| 25.2 | 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 @ 2.20 kg/10 sqm) | 70 | Sq.m | 166.85 | 11680 | DSR |
| 26 | 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 and similar works | 95 | Kg | 142.3 | 13519 | DSR |
| 27 | 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. | 1 | each | 1411.15 | 1411 | DSR |
| | Total = | | | | 722279 | |
| | Add Cost Index @24% on DSR items (total Rs. 448690) | | | | 92695 | |
| | Total = | | | | 814974 | |

(Rs. Eight Lakh fourteen thousand nine hundred seventy four only)

Add _____% above / _____% Below the estimated cost.

Tendered cost (Including GST):

Name, sign and seal of the agency

Date