



Date : 07 March 2019

CIVIL-STRUCTURAL and FINISHES -QUOTATION

| Sl. No. | Description of work | Unit | Qty | Rate/Unit | Amount |
|---------------|--|------|--------|-----------|----------|
| PART I | STRUCTURAL BOQ | | | | |
| 1 | STRUCTURAL STABILITY OF DHANVANTRI BUILDING | | | | |
| | Checking of Stability of existing building foundation as per standard procedure. | QRO | | | 30000 |
| 2 | EXISTING WEATHERING COARSE REMOVING | | | | |
| | Removing of Existing Weathering coarse tile and existing brickwork | LS | | | 25000.00 |
| 3 | SHUTTERING | | | | |
| | Providing rigid and water tight centering and shuttering using best quality plywood sheets/steel centering sheets including strutting, propping, bracing, staging using steel pipes/H frames/Acro frames etc.complete for all R.C.C items fixed in position as required including labour for careful removal of formwork etc; complete all as per specifications at all floors & heights. In surfaces horizontal /vertical/slanting surfaces at all heights and levels.Shuttering for PCC,Plinthbeam,Column,Roofbeam and Roof slab areas | | | | |
| a | COLUMNS | | | | |
| iii | Second Floor | Sqm | 72.49 | 590 | 42769.5 |
| b | ROOF BEAM | | | | |
| iii | Second Floor | Sqm | 124.16 | 620 | 76981.41 |
| c | ROOF SLAB | | | | |
| iii | Second Floor | Sqm | 86.99 | 590 | 51323.42 |
| 4 | RCC | | | | |
| | Providing and laying in position machine batched and machine vibrated design mixed cement concrete of specified grade and reinforced concrete structural elements in superstructure, including the cost of centering, shuttering and excluding reinforcement, including admixtures in recommended proportions. (as per KS 9103) to accelerate, retard setting of concrete improve workability with our impairing strength and durability as per direction of engineer in-charge M25 reinforced cement concrete as per IS code Ready mix concrete Mix design. : | | | | |

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| a | COLUMN CONCRETE | | | | |
| i | Second Floor | Cum | 6.43 | 7700 | 49500 |
| b | ROOF BEAM CONCRETE | | | | |
| ii | Second Floor | Cum | 15.26 | 7200 | 109851 |
| c | ROOF SLAB CONCRETE | | | | |
| iii | Second Floor | Cum | 15.82 | 7200 | 113904 |
| d | LINTEL CONCRETE | | | | |
| iv | Second floor | Cum | 1.00 | 8000 | 8000 |
| 5 | REINFORCEMENT | | | | |
| | Providing Reinforcement for RCC work including straightening, cutting, bending, cranking, placing in position and binding with GI binding wire of 18 SwG 18 in double strand all complete using TMT steel bars conforming to IS: 1786 in grade fe-415. (The payment will be on actual/length measurements of fabricated steel work including authorised lappages only at theoretical weights for different sections) in all levels. | MT | 6.00 | 61000 | 366000 |
| | TOTAL FOR STRUCTURAL WORKS -- A | | | | |
| 6 | BRICKWORK | | | | |
| | Providing and laying of clay bricks in CM 1 :4 using standard sizes of 230x 100 x 100 mm thickness with minimum compressive strength of 3.5N/sqm, for all walls , chambers etc. at all heights, places and position above plinth inclusive of all scaffolding, staging, curing, all lifts etc. completely and as directed but excluding plastering and painting. Rate shall include for providing RC binder 1:2:4 of 75mm thick reinforced with 2Nos. of 8mm dia fe415 bars and with 8mm dia Fe 415 tie bar 300mm c/c RCC Binder to be provided @ every interval from floor to floor level including cost of reinforcement and all forwork, scaffolding, labour, hire, fuel, charges for all tools & plant employees, cover block reinforcement and all other incidental charges etc. all complete as directed. The rate to be included for closing the gap between the top most layer of the brick and soffit of the beam in required slope as directed by the engineer. | | | | |
| i | 230X100X100 mm Brick work | Cum | 21.98 | 6950 | 152766.18 |
| ii | 115X100X100 mm Brick work | Sqm | 43.78 | 4500 | 197021.38 |

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| 7 | ELECTRICAL WORK | | | | |
| A | Electrical Point Details are given below as per General Specification as per Drawing, Materials using the brand of Anchor Roma or GM & Cable - Orbit or Finolex (FRLS Grade) | | | | |
| i | Wall Light Point (Maximum 12 Mtrs) | Pts | 8 | 575.00 | 4600.00 |
| ii | Ceiling Light Point (Maximum 7 Mtrs) | Pts | 17 | 550.00 | 9350.00 |
| iii | Fan Point (Maximum 7 Mtrs) | Pts | 4 | 950.00 | 3800.00 |
| iv | 6A Socket Provision (Maximum 1 Mtrs Around Switch Control) | Pts | 20 | 550.00 | 11000.00 |
| v | 16A Socket Provision (Maximum 15 Mtrs) | Pts | 13 | 1750.00 | 22750.00 |
| vi | 32A A/C Socket Provision (Maximum 15 Mtrs) | Pts | 4 | 2150.00 | 8600.00 |
| vii | 6A MCB Control (Maximum 15 Mtrs) | Pts | 4 | 1450.00 | 5800.00 |
| viii | 16A MCB Control (Maximum 20 Mtrs) | Pts | 8 | 2250.00 | 18000.00 |
| ix | 25A MCB Control (Maximum 20 Mtrs) | Pts | 4 | 2450.00 | 9800.00 |
| x | 2way Control (Maximum 12 Mtrs) | Pts | 4 | 890.00 | 3560.00 |
| xi | Bell Point (Maximum 7 Mtrs) | Pts | 4 | 690.00 | 2760.00 |
| xii | TV Socket Provision (Maximum 45Mtrs) | Pts | 4 | 2150.00 | 8600.00 |
| xiii | Ex Fan Provision (Maximum 7 Mtrs) | Pts | 4 | 890.00 | 3560.00 |
| B | Incoming to Rooms: Wire Details are given below as per General Specification as per Drawing, Materials using the brand of Orbit or Finolex (FRLS Grade) | | | | |
| i | 25mm PVC Conduit | Mtrs | 400 | 43.00 | 17200.00 |
| ii | 2C x 6.0 Sqmm + 1C x 2.5 Sqmm | Mtrs | 400 | 55.00 | 22000.00 |
| iii | 2.5 Sqmm Cu. Wire (Green) | Mtrs | 200 | 18.00 | 3600.00 |
| C | EB Board / DB for each Rooms and body earth bit to be erection on contractor using standard brand | | | | |
| i | Earth Bit Erection & Commissioning | Nos | 1 | 2500 | 2500.00 |
| ii | EB Board / DB Erection for Each Room | Room | 4 | 3500 | 14000.00 |
| | TOTAL FOR ELECTRICAL WORK | | | | |
| | | | | | |
| | Note: | | | | |
| | Final Fittings such as Fancy Lightings & Ceiling Fans should be provided by the Client at Site | | | | |

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| 7 | PLUMBING WORK | | | | |
|-----|---|--------|----|-------|--------|
| A | Supply & Fixing of Complete CP Fitting and Sanitary Works shall be executed by the Contractor. Pipes Materials using the brand of Ashirvad or Finolex and CP Fitting & Sanitary Fitting using the brand of Johnson or Equivalent shall be used for all the works. Laying of PVC pipes for soil & waste line including all accessories. Installation of CP fitting & fixtures which includes 1-Wall Mixer, 1-Water Heater Provision, 1-Shower with 9" Arm, 1- 2 in 1 tap point for Health faucet ,1-Indian Western Closet with PVC Flush Tank , 1-Washbasin Set with Pillar Cock, 1- Consealed Stopper & 2- 5" Square Greeting | | | | |
| | Supply: | Toilet | 4 | 38500 | 154000 |
| | Fixing: | Toilet | 4 | 10000 | 40000 |
| B | Providing Ro Provision at Counter Area and Laying of PVC Pipe for Backwash water line are including. Installation of CP fitting are 1-Angle Valve. | | | | |
| | Supply: | Pts | 4 | 1250 | 5000 |
| | Fixing: | Pts | 4 | 950 | 3800 |
| C | Providing, fixing testing and commissioning of Unplastized polyvinyl Chloride(uPVC) pipes and fittings as per polypropylene welding of pipe lines manufacture recommendation and cutting, cleaning, heating, cooling pipe testing shall be carried out for as per including fixed on to the wall in vertical shafts / terrace with fabricated MS brackets of suitable size with GI 'U' clamps, bolts, nuts and GI washers and MS brackets including making good the walls and floors. | | | | |
| i | 25 mm dia | | | | |
| | Supply: | Mtrs | 20 | 145 | 2900 |
| | Fixing: | Mtrs | 20 | 100 | 2000 |
| ii | 32mm dia | | | | |
| | Supply: | Mtrs | 45 | 165 | 7425 |
| | Fixing: | Mtrs | 45 | 110 | 4950 |
| iii | 40 mm dia | | | | |
| | Supply: | Mtrs | 60 | 185 | 11100 |
| | Fixing: | Mtrs | 60 | 125 | 7500 |

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| D | Providing, fixing, testing and commissioning of PVC soil & waste pipe conforming to ISI 13592 quality 4 kg / sq.cm pressure rated including all fittings, like Bends, Tees, Elbows, Collars, junction, offsets, access pipes, jointing with solvent cement followed by application of leak proof adhesive like FRP paste & making good the bores with CM 1:3 or cement concrete as applicable, curing etc., complete. | | | | |
| i | 75mm dia (4kg/sq.cm pressure rated) | | | | |
| | Supply: | Mtrs | 24 | 295 | 7080 |
| | Fixing: | Mtrs | 24 | 140 | 3360 |
| ii | 110mm dia (4kg/sq.cm pressure rated) | | | | |
| | Supply: | Mtrs | 24 | 390 | 9360 |
| | Fixing: | Mtrs | 24 | 180 | 4320 |
| E | Providing, fixing, testing and commissioning of Brass Ball Valve with tested to 10 kg / sq.cm Confrming to BS 5155 /MF6 standards | | | | |
| i | 40 mm dia | | | | |
| | Supply: | Nos | 2 | 1750 | 3500 |
| | Fixing: | Nos | 2 | 350 | 700 |
| TOTAL FOR PLUMBING WORK | | | | | |
| 8 | PLASTERING | | | | |
| A | Internal Ceiling Plastering | | | | |
| | Prepare surfaces by hacking and making the concrete surface rough suitable for and providing and applying plaster with 1:3 (1 cement : 3 coarse sand) 0.6cm thick to ceillings of sides and soffits of beams, columns, RC walls, etc, excluding RCC surfaces contiguous to masonry. The scope of work shall include all necessary Materials, Men / Palnt and machinery/ required Scaffolding and all tools and tackled as required. | | | | |
| i | Second Floor | Sqm | 86.99 | 457 | 39753.90 |
| B | Internal Wall Plastering | | | | |
| | Prepare surfaces and plaster with cm 1:% (1 cement : 5 fine sand) 1.2 cm thick to all interior faces of walls including RCC surfaces contiguous to masonry in,Providing and fixing double layer chicken mesh in the junction of RCC beam and brick masonry at least 100mm on either face (total 200mm high) as directed by Engineer-in-charge.Filling packed the junction of RCC beam and brick masonry with polmer based cement mortar sand face plaster in two coats, base coat min. 15mm thick in CM 1:4 mixed with water proofing compound made rough to received finish coat of 10mm thick in CM 1:3 waterproofed plaster in perfect plumb level to obtained fine grain sand including curing all complete as directed by Engineer-in-charge. | | | | |

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| ii | Second Floor | Sqm | 418.63 | 457 | 191315.66 |
| C | External Plastering | | | | |
| | prepare surfaces and sand faced plaster with cm 1:5 (1 cement : 5 fine sand . First coat with water proofing compound without any grooves, etc, and second coat with our any water proofing compound, with grooves etc, as per dwg. Providing and fixing double layer chicken mesh in the junction of RCC beam and brick masonry at least 100mm on either face (total 200mm high)as directed by Engineer-in-charge. Filling packed the junction of RCC beam and brick masonry with polymer based cement mortar sand face plaster in two coats, base coat min. 15mm thick in CM 1:4 mixed with water proofing compound made rough to received finish coat of 10mm thick in CM 1:3 waterproofed plaster in perfect plumb level to obtained fine grain sand including curing all complete as directed by Engineer-in-charge. The scope of work shall include all required Men and Materials/ necessary Scaffolding/Plant and machinery/tools and tackles etc all work complete | Sqm | 220.54 | 500 | 110269.52 |
| | TOTAL PLASTERING WORKS | | | | |
| 9 | PAINTING | | | | |
| i | Internal Ceiling Painting plastered surfaces with and 1 coat of primer and 2 coats of water based paint of approved make and colour to give an even shade including cleaning the surfaces, filling the crevices with approved filler, scaffolding, curing, specifications. | Sqm | 72.80 | 210 | 15288.00 |
| ii | Internal Painting plastered surfaces with 1 coat of primer and 2 coats of water based paint of approved make and colour to give an even shade including cleaning the surfaces, filling the crevices with approved filler, scaffolding, curing, specifications. | Sqm | 559.06 | 225 | 125788.80 |
| iii | External Painting plastered surfaces with 1 coat of Texture and 1 coat of primer and 2 coats of water based paint of approved make and colour to give an even shade including cleaning the surfaces, filling the crevices with approved filler, scaffolding, curing, specifications. | Sqm | 220.54 | 240 | 52929.37 |

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| 10 | Integral Water proofing | | | | |
| i | Providing and laying water proofing treatment over RCC roof in 3 courses,as specified below, after thoroughly cleaning surface of the roof slab with wire brush, cleaning of dust and foreign matters,raking and cleaning of construction joints if any etc.,complete to make the surface suitable for receiving water proofing treatment. | | | | |
| ii | Providing Waterproofing treatment to Toilet sunken portions, coving CM 1:3 admixed with MasterEmaco SBR2 @ 3Kgs. per bag of cement and two coats of Master seal 550 and protective plastering of 20mm with Masterpel 777 150ml per bags of cement of BASF material. | Sqm | 28.00 | 1050 | 29400 |
| iv | Providing Waterproofing treatment to terrace slab area,coving CM 1:3 admixed with MasterEmaco SBR2 @ 3Kgs. perbag of cement and two coats of Master seal 550 and protective plastering of 20mm with Masterpel 777 150mlper bags of cement of BASF material. | Sqm | 132.00 | 1050 | 138600 |
| | Providing and laying in position brick jelly cement concrete (1 cement , 4 coarse sand, 8 brick jelly) using approved broken brick jelly 25mm and down gauge laid in toilet filling. | | | | |
| 11 | Tile Flooring works | | | | |
| A | Providing and fixing vitrified tiles of size 600x600mm 8 mm thick of approved quality (JOHNSON, KAJARIA, SOMANY) colour and shade in flooring and skirting 100mm hieght wall over and including 1.3 cm thick base of cement mortar 1:3 including chiping brick walls as necessary to recess the tiles flush to the plastered surface and grooving between skirting and plastered above and pointing in white cement mixed with pigment of maching shade complete (basic price Rs 42 per sqf) | | | | |
| iii | Second Floor | Sqm | 53.51 | 1160 | 62069.832 |
| B | Providing and fixing anti skid ceramic tiles flooring 8mm thick of approved make and quality colour and shade 300x300 over and including a 20mm thick base of cement mortor 1;3 (1 cement ,3 coarse sand) finished neatly. | | | | |
| iii | Second Floor | Sqm | 12.27 | 1160 | 14230.483 |
| C | Providing and fixing Wall tiles 8mm thick of approved make and quality colour and shade 450x300 over and including a 20mm thick base of cement mortor 1;3 (1 cement ,3 coarse sand) finished neatly. | | | | |
| iii | Second Floor | Sqm | 61.34 | 1160 | 71152.416 |

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|----|--|--|--|--|--|
| 12 | WOODEN DOORS | | | | |
| | Providing and fixing single leaf wooden flush door conforming to IS: 6198- 1992 procured from reputed manufacturer with the following specification. | | | | |
| | Frame: | | | | |
| | Timber frames made of Quality County hard wood paint grade finish of size 100 mm x 75mm shall be conforming to IS:4021-1983. The frames shall be fixed with three nos. M.S.Holdfast on each side fixed to the wall or RCC Column/ wall by suitable arrangements such as catch screws/ power bolts The frames shall be treated with primer before fixing in position and the surface of the frame abutting the masonry or concrete and portion embedded in the floors shall be given a coating of coal tar. | | | | |
| | Shutter: | | | | |
| | They shall be 35 mm thick factory made ascue treated and kiln seasoned, hot pressed flush door shutters of solid core construction. The solid core shall be wood laminate construction prepared from battens of well seasoned and treated good quality wood having straight grains. The battens shall be uniform size of 32 mm width and shall be glued and machine pressed together with grains of each piece reversed from that of the | | | | |

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| | adjoining one. The longitudinal joints of the battens shall be staggered and no piece shall be less than 500 mm in length. Edges of the core shall be lipped internally with first class quality teak/country wood battens of 40 mm depth, glued and machine pressed along with the core. The core surface shall then have two veneers glued on each face. The first veneer called the cross band shall be of good quality durable and well seasoned wood and glued with its grains at right angles to those of the core. | | | | |
| | The face veneer shall be minimum 1 mm thick seasoned first class commercial hard wood veneer suitable for paint grade and shall be laid parallel to the grains of the core battens. The combined thickness of all the veneers on each face shall not be less than 4 mm. Phenol formaldehyde synthetic resin conforming to BWP type in IS: 848-1974 shall be used for bonding cross band to core and face veneer to cross band. All doors shall have external lipping 25 mm thick in addition to internal lipping. | | | | |
| | Hardwares | | | | |
| | i) Handles of quality Hardware of Aligarh or equivalent make or equivalent. ii) 1 Lockset - aligarh make or equivalent. iii) 3 nos. of S.S. Ball bearing hinges of 125mmx75mm. | | | | |
| c | Second Floor | | | | |
| i | Door D (900mm x 2100mm) | Nos. | 4.00 | 13700 | 54800 |
| ii | Door D1 (750mm x 2100mm) | Nos. | 4.00 | 9200 | 36800 |
| 13 | Windows | | | | |
| | 60mm HIGH SERIES U-PVC SLIDING WINDOWS | | | | |
| | Supply of U-Pvc sliding windows, Using (55mm x 60mm 1.05kg/m), U-Pvc Profile for the Outer frame. use U-Pvc profile U-Pvc EG-033 (66mm x 42mm 0.91kg/m) for shutters. U-Pvc Profile for the Outer frame. use U-Pvc profile U-Pvc EG-033 (66mm x 42mm 0.91kg/m) for shutters. use 5mm Saint Gobain Clear glass with U-Pvc glass bead EG - 006(16mm x 18.5mm 0.19kg/mt), use U-Pvc Profile End cup EG-061 (45.5mm x 28mm .0.22kg/m) for the Interlock. use U-Pvc Profile End cup EG-061 (45.5mm x 28mm .0.22kg/m) for the Interlock. Filling with imported white sealant & packer rod. Imported Hardware's are being used. | | | | |
| c | Second floor | | | | |
| i | Window W (1200mm x 1200mm) | Nos. | 4.00 | 11200 | 44800 |
| iv | Ventilator V1 (600mm x 600mm) | Nos. | 4.00 | 2800 | 11200 |

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| 3 | MISCELLANEOUS | | | | |
| | Note: Grill pattern includes both MS . Special Welding of MS to be provided as per specifications | | | | |
| a | Providing and fixing M.S. Grills, of required pattern with MS Flates,square or round bars, angles etc., complete all as per drawings and directions of Engineer-in-Charge. | MT | 1.00 | 97500 | 97500 |
| | TOTAL MISCELLANEOUS | | | | |
| GRAND TOTAL | | | | | 2727490 |
| Amount in Words : Twenty Seven Lakhs Twenty Seven Thousand Four Hundred and Ninety only) | | | | | |

Note:

Terms & Conditions:

- * The above Rate is exclusive of GST.
- * EB & Water supply on Client Scope.
- * Accommodation for the labour force to be provided at site at free of cost.
- * We require minimum one week time to start the work from the date of your conformation.

Payment Terms:

- * 20% advance Against Work Order for Mobilisation
- * Weekend Payment against Running Bill

Thanks with regards,
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