

| UNIVERSITY OF KERALA | | | | | | |
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| SUBDIVISION II KARIAVATTOM | | | | | | |
| TENDER SCHEDULE FOR THE CONSTRUCTION OF NEW TOILETS AS EXTENSION TO ARTS BLOCK I BUILDING FOR THE DEPARTMENT OF SOCIOLOGY AT KARIYAVATTOM CAMPUS. | | | | | | |
| Sl. No | Item Description | Qty | Unit | Rate / Unit | Rate in Words | Amount |
| 1) | 15.56 Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. | 5 | sqm | 45.90 | Forty five Rupees and Ninety Paise only | 229.50 |
| 2) | 2.6.1 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 disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil | 2.7 | cum | 214.03 | Two hundred and Fourteen Rupees and Three Paise only | 577.88 |
| 3) | 4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size) | 1.8 | cum | 6,814.89 | Six thousand eight hundred and fourteen Rupees and Eighty Nine Paise only | 12266.80 |
| 4) | 5.3 Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 150 landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size). | 2.2 | cum | 11,492.88 | Eleven thousand four hundred and Ninety two Rupees and Eighty Eight Paise only | 25284.34 |
| 5) | 7.1.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand) | 1.2 | cum | 7,204.78 | Seven thousand two hundred and four Rupees and Seventy Eight Paise only | 8645.74 |
| 6) | 5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more | 220 | kg | 98.30 | Ninety eight Rupees and Thirty Paise only | 21626.10 |

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| 7) | 5.9.5 Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers | 12 | sqm | 649.82 | Six hundred and Forty nine Rupees and Eighty two Paisa only | 7797.84 |
| 8) | 5.9.3 Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform | 13 | sqm | 815.78 | Eight hundred and Fifteen Rupees and Seventy eight Paisa only | 10605.14 |
| 9) | 2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. | 3.2 | cum | 258.57 | Two hundred and Fifty eight Rupees and Fifty seven Paisa only | 827.42 |
| 10) | 50.6.1.8 Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand etc complete | 3.8 | cum | 6,970.40 | Six thousand nine hundred and seventy Rupees and Forty Paisa only | 26487.52 |
| 11) | 13.1.1 12 mm cement plaster of mix: 1:4 (1 cement : 4 fine sand) | 58 | sqm | 314.09 | Three hundred and fourteen Rupees and Nine Paisa only | 18217.22 |
| 12) | 13.16.1 6 mm cement plaster of mix: 1:3 (1 cement : 3 fine sand) | 15 | sqm | 267.59 | Two hundred and Sixty seven Rupees and Fifty Nine Paisa only | 4013.85 |
| 13) | 11.37 Providing and laying Ceramic glazed floor tiles of size 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 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete. | 7 | sqm | 1,091.02 | One thousand and ninety one Rupees and two Paisa only | 7637.14 |

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| 14) | 8.31 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. | 17 | sqm | 1,212.78 | One thousand Two hundred and twelve Rupees and Seventy eight Paisa only | 20617.26 |
| 15) | 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer | 20 | sqm | 70.64 | Seventy Rupees and Sixty four Paisa only | 1412.80 |
| 16) | 13.46.1 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) | 22 | sqm | 193.89 | One hundred and ninety three Rupees and Eighty nine Paisa only | 4265.58 |
| 17) | 13.60.1 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: | 20 | sqm | 151.39 | One hundred and fifty one Rupees and Thirty nine Paisa only | 3027.80 |
| 18) | 13.98.1 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: | 5 | sqm | 99.66 | Ninety nine Rupees and Sixty six Paisa only | 498.30 |
| 19) | 17.2.1 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 | 2 | each | 6,192.67 | Six thousand one hundred and ninety two Rupees and Sixty seven Paisa only | 12385.34 |
| 20) | 50.17.1.4 Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge. | 2 | no | 758.12 | Seven hundred and fifty eight Rupees and Twelve Paisa only | 1516.24 |
| 21) | od298221/2021_2022 :Providing and fixing 110 mm PVC floor trap | 2 | each | 302.71 | Three hundred and two Rupees and Seventy one Paisa only | 605.42 |

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| 22) | 17.7.2 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 630 x 450 mm with a single 15 mm C.P. brass pillar tap | 2 | each | 3,238.50 | Three thousand two hundred and thirty eight Rupees and Fifty Paise only | 6477.00 |
| 23) | od303746/2021_2022 Supplying and fixing best quality PVC door frame 40x46x2mm hollow sections of approved brand fixed to walls with necessary steel screws including all materials and labour charges for fixing etc. complete | 11 | m | 257.78 | Two hundred and fifty seven Rupees and Seventy eight Paise only | 2835.58 |
| 24) | od304268/2021_2022 Supplying and fixing best quality 24mm factory made PVC door shutter of standard size and approved brand to the existing PVC frame with wall thickness 2mm for styles and rails mitred and joined at the corners by means of brackets and stainless steel screws. The shutter frame filled with a PVC multi-chambered single panel having overall thickness of 20mm and 1mm wall thickness, including all charges etc. complete. | 4.2 | sqm | 2,324.36 | Two thousand three hundred and twenty four Rupees and Thirty six Paise only | 9762.31 |
| 25) | 50.18.9.2 Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm2 | 10 | m | 476.17 | Four hundred and seventy six Rupees and Seventeen Paise only | 4761.70 |
| 26) | 50.18.9.3.1 Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge 25 mm dia 12Kgf/cm2 | 5 | m | 233.38 | Two hundred and thirty three Rupees and thirty eight Paise only | 1166.90 |
| 27) | 50.18.7.3.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer- in- Charge 25 mm dia 12 Kg/cm2 - Internal work - Exposed on wall | 15 | m | 283.48 | Two hundred and eighty three Rupees and forty eight Paise only | 4252.20 |

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| 28) | od315216/2021_2022 Labour (coolie) engaged for making holes in existing manhole, providing connection from new drainage line and sealing the cover slab after completion of work. complete as per the direction of the Engineer | 4 | each | 878.78 | Eight Hundred and seventy eight Rupees and Seventy eight Paisa only | 3515.12 |
| TOTAL: | | | | | | 221316.04 |
| GRAND TOTAL after round off: | | | | | | 221316.00 |

(Rupees Two Lakh Twenty One Thousand Three Hundred and sixteen only)

I / Weagree to undertake the above mentioned work:-

- 1) At the estimate rate.
- 2) At% below the estimate rate.
- 3) At% above the estimate rate.

Rate should be quoted both in figures and words

CONTRACTOR

ASSISTANT EXECUTIVE ENGINEER II