

SCHEDULE 'A'
(UNDER PERCENTAGE TENDER SYSTEM)

Name of work : Maintenance and Repair works in Government Arts College for Women
at Nilakottai in Dindigul District.

| Sl. No | Quantity in Figure and in words. | Description of Work | Rate in figure and in words. | Per | Amount Rs. |
|--------|--|--|--|---|------------|
| 1 | 36.00 M ² (Thirty six square metre only) | Dismantling, clearing away and carefully stacking materials useful for re-use for any thickness of Floor tiles in cement Mortar with glazed tiles etc., complete complying with standard specification and as directed by the departmental officer. | Rs. 47.80 (Rupees Forty seven and paise eighty only) | 1M ² . (One square metre) | 1720.80 |
| 2 | 831.00 M ² (Eight hundred and thirty one square metres only) | Dismantling the damaged granolithic floor finish and clearing away the same 50m away from the site and roughening the surface etc. complete complying with standard specification and as directed by the departmental officers. | Rs. 47.80 (Rupees Forty seven and paise eighty only) | 1M ² . (One square metre) | 39721.80 |
| 3 | 14.50 M ³ (Fourteen point five zero cubic metres only) | Earthwork excavation in all soils and sub soils to full depth as may be directed except in hard rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary refilling the foundation with excavated earth other than sandy soil in layers of not more than 15 cm thick layers well rammed and depositing the surplus earth within compound in places shown by the departmental officers with an initial lead of 10 metre and initial lift of 2 metre and clearing and leveling the site etc., complete complying with standard specification and as directed by the departmental officers. | Rs. 172.30 (Rupees One hundred and seventy two and paise thirty only) | 1M ³ (One cubic metre) | 2498.35 |
| 4 | 5.00 M ³ (Five cubic metres only) | Cement concrete 1:5:10 (one cement, five M sand and ten aggregate) using 40mm gauge hard broken blue granite stone jelly for foundation and basement including dewatering if found necessary and laid in layers of not more than 15cm thick and compacted etc., complete complying with standard specification and as directed by the departmental officers. | Rs. 4417.30 (Rupees Four thousand four hundred and seventeen and paise thirty only) | 1M ³ (One cubic metre) | 22086.50 |

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| 5) | | Brick work in cement mortar 1:5 (one cement and five M-sand) using Third class kiln burnt country bricks of size 8 3/4 "× 4 1/4 × 2 3/4" including curing etc., complete complying with standard specification and as directed by the department officers. (Masonry projections wherever necessary for obtaining required elevation shall be done without extra cost). | | | |
| a) | 10.00 M ³ (Ten cubic metres only) | For Foundation and Basement | Rs. 5345.30 (Rupees Five thousand three hundred and forty five and paise thirty only) | 1M ³ (One cubic metre) | 53453.00 |
| 6) | | Providing and laying in position, standardised concrete Mix M-20 Grade in accordance with IS 456 using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325 kg/m ³ and maximum water cement ratio of 0.55, including admixture (plasticiser / super plasticiser) in recommended proportions as per IS:9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5 cu.m.) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m.) 5156 kg. of 10-12mm machine crushed stone jelly and with about (4.79 cu.m) 7670 kg. of sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor/ roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials). | | | |

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|--------|---|---|---|---|------------|
| a) | 3.00 M ³ (Three cubic metres only) | Foundation and Basement | Rs. 7249.37 (Rupees Seven thousand two hundred and forty nine and paise thirty seven only) | 1M ³ (One cubic metre) | 21748.11 |
| 7) | 27.00 RM (Twenty seven running metres only) | Supplying and fabricating and fixing in position 50mm dia GI pipe 'B' class for holding the AC sheet roof including cutting the pipe to the required length and shape grinding the edge smooth welding wherever necessary as directed by the departmental officers including cost of one coat red oxide primer etc., complete complying with standard specifications and as directed by the departmental officers . The rate includes cost of GI pipe, taxes and labour charges for fixing in position. | Rs. 252.00 (Rupees Two hundred and fifty two only) | 1 RM (One Running metre) | 6804.00 |
| 8) | 97.00 M ² (Ninety seven square meters only) | Plastering with Cement Mortar 1:5 (One cement and Five sand), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers. | Rs. 220.80 (Rupees Two hundred and twenty and paise eighty only) | 1M ² . (One square metre) | 21417.60 |
| 9) | 47.00 M ² (Forty seven square meters only) | Supplying and fixing in position of Aluminium anodised natural colour matt finish Openable Cupboard of size 1.20x2.10 m in all floors fixed with 12 mm thick Prelaminated particle board (Exterior grade). the outer frame of section 38x33x2.12 mm @ 0.706 kg/m, shutter frame of 38.5x33x3 mm @ 0.706 kg/m, Interlocking mullion vertical section of 59x33x2.5 mm @ 1.135 kg/m. The shutter is fixed with 6 nos. Aluminium hinges, 100x30 mm of 2 nos. D Type handle 100 mm long and 2 nos. of Cupboard lock etc. with necessary furniture fittings including cost of labours, power consumption charges required for fabrication including necessary chipping, dismantling and making necessary holes in the RCC columns beams, masonry etc., with power drill to the required depth and redoing the same to the original condition after fixing etc., complete. complying with standard specification. | Rs. 4229.70 (Rupees Four thousand two hundred and twenty nine and paise seventy only) | 1M ² . (One square metre) | 198795.90 |

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| 10) | 831.00 M ² (Eight hundred and thirty one square meters only) | Paving the floor with best quality Vitrified Tiles of size 600x600 x 8mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three sand) 20mm thick in all floors and the top pointed with the white cement mixed same colour pigments etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works) | Rs. 1370.20 (Rupees One thousand three hundred and seventy and paise twenty only) | 1M ² . (One square metre) | 1138636.20 |
| 11) | 36.00 M ² (Thirty six square meters only) | Flooring with following Designed Colour glazed ceramic tiles of size 305 x 305 x 6 mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three Sand) base mortar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3 Kg. / sq.m. etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works) | Rs. 932.25 (Rupees Nine hundred and thirty two and paise twenty five only) | 1M ² . (One square metre) | 33561.00 |
| 12) | 35.00 M ² (Thirty five square meters only) | Paving the floor with pre polished concrete Hydraulically pressed Anti skid tiles (like Eurocon Tiles) 10mm thick in all floors set in cement mortar 1:2 (One cement and two sand), 10mm thick and pointing with the cement including adding suitable colouring pigments of match with colour of tiles and finishing and curing as directed by the departmental officers including cost of tiles, and all other materials, transportation charges and labour charges for laying of tiles as directed by the departmental officers complete complying with standard specification. (The tiles should be got approved by the departmental officers before use on work.) | Rs. 1226.30 (Rupees One thousand two hundred and twenty six and paise thirty only) | 1M ² . (One square metre) | 42920.50 |
| 13) | 2705.00 M ² (Two thousand seven hundred and five square meters only) | Painting the walls with two coats of cement paint over one coat of primer of first quality and of approved colour including preparing the surface, clean removal of dirt and including necessary plaster of paris putty wherever required etc., complete complying with standard specification. | Rs. 179.35 (Rupees One hundred and seventy nine and paise thirty five only) | 1M ² . (One square metre) | 485141.75 |

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| 14) | 4602.00 M ² (Four thousand six hundred and two square meters only) | Painting the walls two coats with first quality plastic emulsion paint of approved colour over one coat of primer including preparation of surface two coats with good quality including cost of emmery sheet, plates, etc. and including labour charges for rubbing the wall scrapping, good smooth surface and finishing neatly , quality and brand including preparation of surface etc. complying with standard specification and as directed by the departmental officers etc. complete | Rs. 209.80 (Rupees Two hundred and nine and paise eighty only) | 1M ² (One square metre) | 965499.60 |
| 15) | 701.00 M ² (Seven hundred and one square meters only) | Painting Old iron work with Two Coat of synthetic enamel paint of approved quality as directed by the Departmental Officers complete complying with standard specification. The make and colour should be got approved by the Departmental Officers before use on work. | Rs. 126.30 (Rupees One hundred and twenty six and paise thirty only) | 1M ² (One square metre) | 88536.30 |
| 16) | 32.00 M ² (Thirty two square metres only) | Providing and laying 63mm interlocking paver blocks of approved shape hydraulically comperssed cement concrete blocks of crushing strength not less than 300Kg / sq cm by filling and levelling with natural grey colour blocks and borders / markings / design with Terracotta colour blocks as per the approved pattern including preparation of sub grade with bottom layer of sand cushion for 50mm thick and placing the blocks for interlocking and grooting with sand including vibrating the surface with mechanical surface vibrators etc., complete as directed by the departmental officer etc. complete complying with standard specification. (The rate is inclusive of cost of all the materials labour charges, transportation of materials loading & unloading etc.) | Rs. 779.00 (Rupees Seven hundred and seventy nine only) | 1M ² (One Square metre) | 24928.00 |
| 17) | | Supplying, laying and jointing UPVC pipes of approved and best variety conforming to IS. Specification with ISI. mark of the following sizes including, cutting and threading of PVC Pipes, fixing specials but excluding cost of such specials but including fixing to wall with necessary teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in roof and making good the dismantled portion to original condition with necessary brick work and plastering wherever necessary with necessary scaffolding charges. The PVC Pipes should be got approved by the Departmental Officers before use on work. Above ground level. (External / internal) | | | |

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| a) | 51.00 RM (Fifty one running metres only) | 32mm Dia UPVC pipe | Rs. 305.00 (Rupees Three hundred and five only) | 1 RM (One Running metre) | 15555.00 |
| b) | 65.00 RM (Sixty five running metres only) | 25mm Dia UPVC pipe | Rs. 220.05 (Rupees Two hundred and twenty and paise zero five only) | 1 RM (One Running metre) | 14303.25 |
| 18) | | Supplying and fixing in position of the following UPVC specials best approved quality conforming to BIS and providing leak proof joints with PVC adhesive etc., including fixing to walls with necessary teak wood plugs screws etc., and giving connections to the UPVC pipe dismantling the brick masonry RCC floor or roof slab and redoing the disturbed portion to original conditions etc., complete complying with standard specification.(The UPVC specials should be got approved from the Executive Engineer before use on works). | | | |
| a) | 8.00 Nos (Eight numbers only) | 32mm Elbow | Rs. 41.80 (Rupees Forty one and paise eighty only) | 1No (One Number) | 334.40 |
| b) | 12.00 Nos (Twelve numbers only) | 25 mm Elbow | Rs. 27.80 (Rupees Twenty seven and paise eighty only) | 1No (One Number) | 333.60 |
| c) | 3.00 Nos (Three numbers only) | 32 mm Tee | Rs. 54.30 (Rupees Fifty four and paise thirty only) | 1No (One Number) | 162.90 |

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| d) | 10.00 Nos (Ten numbers only) | 25 mm Tee | Rs. 36.70 (Rupees Thirty six and paise seventy only) | 1No (One Number) | 367.00 |
| e) | 6.00 Nos (Six numbers only) | 32 mm hex nipple | Rs. 77.80 (Rupees Seventy seven and paise eighty only) | 1No (One Number) | 466.80 |
| f) | 14.00 Nos (Fourteen numbers only) | 25 mm hex nipple | Rs. 55.70 (Rupees Fifty five and paise Seventy only) | 1No (One Number) | 779.80 |
| g) | 6.00 Nos (Six numbers only) | 32 x 25 mm reducer Tee | Rs. 61.70 (Rupees Sixty one and paise seventy only) | 1No (One Number) | 370.20 |
| 19) | 21.00 Nos (Twenty one numbers only) | Supplying and fixing in position 15mm dia Chromium Plated screw down Taps (heavy type) of best quality and approved make conforming to ISS and providing leak proof joints with thread and shellac etc., including fixing and connecting to the pipes etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the departmental officer before use on work) | Rs. 337.65 (Rupees Three hundred and thirty seven and paise sixty five only) | 1No (One Number) | 7090.65 |
| 20) | 10.00 Nos (Ten numbers only) | Supplying and fixing in position Indian water closet oriya type of size 580x440mm white glazed earthenware of approved quality with 'P' trap or 'S' trap conforming to IS 2556-Part XII with sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One part of lime, two parts of sand and five parts of brick jelly) 100mm thick and finishing the top to required slope and including giving necessary connection to PVC. pipes by dismantling brick masonry, reinforced cement concrete roof/floor slab and making good the disturbed portion to original condition without leakage etc., complete complying with standard specification and as directed by the departmental officers.(The Oriya type Water Closet and all accessories should be got approved by the departmental officers before use on work) | Rs. 4847.00 (Rupees Four thousand eight hundred and forty seven only) | 1No (One Number) | 48470.00 |

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| 21) | 3.00 Nos (Three numbers only) | Supplying and fixing in position White Glazed European water closet of best quality and approved make with 100mm P or S trap with double flapped rigid PVC.seat cover with chromium plate brass hinges, including supplying and fixing PVC. Low level flushing tank 12.50 litre capacity of approved quality on wall with teak wood plugs, brass screws and 2 numbers 15mm dia gun metal wheel valve, 15mm dia nylon connection and giving necessary water supply connection as directed by the departmental officers. The rate includes cost of 100mm dia PVC.Pipe 60cm long including cost of 3 Kg.of white cement 6Kg.of cement, spunyarn, shellac, thread ball, teak wood plugs, brass screws 75mmx10mm etc., complete complying with standard specification and as directed by the departmental officers. (The European Water Closet and flushing tank should be got approved by the Departmental Officers before use on work.) | Rs. 7464.00 (Rupees Seven thousand four hundred and sixty four only) | 1No (One Number) | 22392.00 |
| | | | TOTAL | Rs. | 3258095.01 |
| | | | GST at 12% | Rs. | 390971.40 |
| | | | | | 3649066.41 |
| | | Total 21 (Twenty One) Items only | | | (or) |
| | | (Rupees Thirty Six Lakh Forty Nine Thousand and Sixty Six Only) | | Rs. | 3649066.00 |

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