Validate Print Help

**NO - 01**

## Work Name : Re-Modeling of class room of First year DASc programme at RARS Pattambi

| Sl. No. | Item Description | Quantity | Units | Estimated Rate | TOTAL AMOUNT With Taxes | TOTAL AMOUNT In Words |
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| 1 | **Civil work** | | | | | |
| 1 | 15.2.1 : Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | 5.2560 | cum | 1368.4500 | **7192.5700** | INR Seven Thousand One Hundred & Ninety Two and Paise Fifty Seven Only |
| 2 | od612/2018_2019 : Charges for Chipping the cement plastered floor | 7.0000 | each | 586.6800 | **4106.7600** | INR Four Thousand One Hundred & Six and Paise Seventy Six Only |
| 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) | 4.2040 | cum | 6146.2600 | **25838.8800** | INR Twenty Five Thousand Eight Hundred & Thirty Eight and Paise Eighty Eight Only |
| 4 | 4.1.3 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | 0.0940 | cum | 7523.9800 | **707.2500** | INR Seven Hundred & Seven and Paise Twenty Five Only |
| 5 | od613/2018_2019 : Fitter engaged for dismantling grill work | 2.0000 | each | 776.3500 | **1552.7000** | INR One Thousand Five Hundred & Fifty Two and Paise Seventy Only |
| 6 | 50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm 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 | 0.6440 | cum | 5867.8300 | **3778.8800** | INR Three Thousand Seven Hundred & Seventy Eight and Paise Eighty Eight Only |
| 7 | 13.1.1 : 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand) | 7.0000 | sqm | 237.3700 | **1661.5900** | INR One Thousand Six Hundred & Sixty One and Paise Fifty Nine Only |

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| 8 | 13.26 : Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. | 7.0000 | sqm | 162.9200 | **1140.4400** | INR One Thousand One Hundred & Forty and Paise Forty Four Only |
| 9 | 21.1.1.2 : 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, Aluminnium 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):For fixed portionPowder coated aluminium (minimum thickness of powder coating 50 micron) | 33.6000 | kg | 527.7300 | **17731.7300** | INR Seventeen Thousand Seven Hundred & Thirty One and Paise Seventy Three Only |
| 10 | 21.1.2.1 : 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) | 22.4000 | kg | 569.6600 | **12760.3800** | INR Twelve Thousand Seven Hundred & Sixty and Paise Thirty Eight Only |
| 11 | 21.3.2 : 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 5.50 mm thickness | 2.6000 | sqm | 1377.9200 | **3582.5900** | INR Three Thousand Five Hundred & Eighty Two and Paise Fifty Nine Only |

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| 12 | 9.113 : Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer-in- charge. | 1.0000 | each | 650.0800 | **650.0800** | INR Six Hundred & Fifty and Paise Eight Only |
| 13 | 9.48.1 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to steel windows by welding | 47.4300 | kg | 143.6300 | **6812.3700** | INR Six Thousand Eight Hundred & Twelve and Paise Thirty Seven Only |
| 14 | 15.28.2 : Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of :Asbestos Sheet | 210.0000 | sqm | 45.0900 | **9468.9000** | INR Nine Thousand Four Hundred & Sixty Eight and Paise Ninety Only |
| 15 | od614/2018_2019 : Supplying and fixing GI powder coated Trafford Insulated roofing sheet 0.35mm or nearest thickness for upper skin and lower skin 0.30 mm or nearest size PPGI Guard film Sandwich with Pur/Pir Foam 40Kg/M3 (30 mm valley and 60mm hips ) with necessary J bolt, hooks, crank, bolts , bitumen washers etc as per the direction of department officer | 210.0000 | sqm | 1948.8900 | **409266.9000** | INR Four Lakh Nine Thousand Two Hundred & Sixty Six and Paise Ninety Only |
| 16 | od615/2018_2019 : Ridge copping with pre painted alu-zinc (galvalum) 150 GSM plane sheet 450mm wide overlap of 150mm at joints including nail etc. complete. | 17.5000 | per met | 470.1500 | **8227.6300** | INR Eight Thousand Two Hundred & Twenty Seven and Paise Sixty Three Only |
| 17 | 11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600 x 600 mm. | 131.7200 | sqm | 1536.3800 | **202371.9700** | INR Two Lakh Two Thousand Three Hundred & Seventy One and Paise Ninety Seven Only |

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| 18 | 11.36 : Providing and fixing I st 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 @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. | 33.4800 | sqm | 1022.2400 | **34224.6000** | INR Thirty Four Thousand Two Hundred & Twenty Four and Paise Sixty Only |
| 19 | od2169/2018_2019 : Providing and laying approved brand and quality vitrified exterior floor tiles in different sizes (thickness 8 mm or nearest) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.<br>Size of Tile 300x300 mm. | 18.1510 | sqm | 1194.8000 | **21686.8100** | INR Twenty One Thousand Six Hundred & Eighty Six and Paise Eighty One Only |
| 20 | 25.1 : Providing and supplying aluminium extruded tubular and other aluminium sectionsas per the architectural drawings and approved shop drawings , the aluminiumquality as per grade 6063 T5 or T6 as per BS 1474,including super durable powdercoating of 60-80 microns conforming to AAMA 2604 of required colour and shadeas approved by the Engineer-in-Charge. ( The item includes cost of material suchas cleats, sleeves, screws etc. necessary for fabrication of extruded aluminiumframe work. Nothing extra shall be paid on this account). | 54.2120 | kg | 464.2500 | **25167.9200** | INR Twenty Five Thousand One Hundred & Sixty Seven and Paise Ninety Two Only |

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| 21 | 25.7 : Designing, fabricating, testing, installing and fixing in position Curtain Wall withAluminium Composite Panel Cladding, with open grooves for linear as well ascurvilinear portions of the building , for all heights and all levels etc. including:a) Structural analysis & design and preparation of shop drawings for pressureequalisation or rain screen principle as required, proper drainage of water to makeit watertight including checking of all the structural and functional design.b) Providing, fabricating and supplying and fixing panels of aluminium compositepanel cladding in pan shape in metalic colour of approved shades made out of4mm thick aluminium composite panel material consisting of 3mm thick FR grademineral core sandwiched between two Alumini um sheets (each0.5mm thick). Thealuminium composite panel cladding sheet shall be coil coated, with Kynar500based PVDF / Lumiflon based fluoropolymer resin coating of approved colourand shade on face # 1 and polymer (Service) coating on face # 2 as specified usingstainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backerrods etc.c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanisedwith serrations and serrated washers to arrest the wind load movement, fasteners,SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators toprevent bi-metallic contacts all complete required to perform as per specificationand drawing The item includes cost of all material & labour component, the cost ofall mock ups at site, cost of all samples of the individual components for testing inan approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wallwith aluminium composite panel cladding till the handing over of the building foroccupation. Base frame work for ACP cladding is payable under the relevantaluminium item.e The Contractor shall | 48.2120 | sqm | 4674.6000 | **225371.8200** | INR Two Lakh Twenty Five Thousand Three Hundred & Seventy One and Paise Eighty Two Only |

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| 22 | 25.6 : Providing and supplying Spandrel Glass Panels comprising of 6 mm thick heat strengthened monolithic Providing and supplying Spandrel Glass Panels comprising of 6 mm thick heat strengthened monolithic float glass of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade so as to match the colour and shade of the IGUs in the vision panels etc., all complete for the required performance as specified, as per the architectural drawings, as per the approved shop drawings, as specified, and as directed by the Engineer- in - Charge. For payment, only the actual area of glass on face # 1 of the glass panels (but excluding the area of grooves and weather silicone sealant) provided and fixed in position, shall be measured in sqm. (Payment for fixing of Spandrel Glass panels in the curtain glazing is included in cost of relevent item*).(ii) Coloured tinted float glass 6mm thick substrate with reflective soft coating on face #2, + 12mm Airgap + 6mm Heat Strengthened clear Glass of approved make having properties as visible Light transmittance (VLT) of 25 to 35%, Light reflection internal 10 to 15%, light reflection external 10 to 20%, shading coefficient (0.25 - 0.28) and U value of 3.0 to 3.3 W/m2 degree K etc. The properties of performance glass shall be decided by technical sanctioning authority as per the site requirement. | 12.4000 | sqm | 3841.2200 | **47631.1300** | INR Forty Seven Thousand Six Hundred & Thirty One and Paise Thirteen Only |
| 23 | 13.47.1 : Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) | 88.3420 | sqm | 132.8600 | **11737.1200** | INR Eleven Thousand Seven Hundred & Thirty Seven and Paise Twelve Only |
| 24 | 13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work | 82.5000 | sqm | 115.9100 | **9562.5800** | INR Nine Thousand Five Hundred & Sixty Two and Paise Fifty Eight Only |
| 25 | od616/2018_2019 : Removing synthetic enamel paint by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. | 59.2900 | sqm | 11.4600 | **679.4600** | INR Six Hundred & Seventy Nine and Paise Forty Six Only |

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| 26 | 13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work | 59.2900 | sqm | 107.6000 | **6379.6000** | INR Six Thousand Three Hundred & Seventy Nine and Paise Sixty Only |
| **Total in Figures** | | | | | **1099292.66** | INR Ten Lakh Ninety Nine Thousand Two Hundred & Ninety Two and Paise Sixty Six Only |
| **Quoted Rate in Figures** | | | | | **1099293** | INR Ten Lakh Ninety Nine Thousand Two Hundred & Ninety Three Only |
| **Quoted Rate in Words** | | **INR Ten Lakh Ninety Nine Thousand Two Hundred & Ninety Three Only** | | | | |