

**KERALA AGRICULTURAL UNIVERSITY  
DIRECTORATE OF PHYSICAL PLANT  
TENDER SCHEDULE**

**No.03**

**Name of Work : State Plan-Construction of proposed National Level Quality control lab for honey at college of Agriculture, Vellayani. (Balance Works)**

| No. | Quantity             | Details of work  | Rate/unit                | (Rate in words)  | Amt.in Rs. |
|-----|----------------------|--|--------------------------|--|------------|
| 1   | 0 m <sup>2</sup>     | Clearing grass and other over growths of vegetation and small trees of girth up to 30 cm including rooting out and removal of rubbish up to a distance of 150 m out side the periphery of the area cleared | 217 /100m <sup>2</sup>   | (Rs Two hundred and seventeen only)                    | 0          |
| 2   | 0 m <sup>3</sup>     | Earthwork excavation in ordinary soil and depositing on bank with all leads and lifts including neat banking etc. complete.  | 1284 /10m <sup>3</sup>   | (Rs One thousand two hundred and eighty four only)     | 0          |
| 3   |                      | Earthwork excavation in ordinary soil and depositing on bank including breaking clods watering, ramming, and sectioning of spoil bank etc. complete.   |                          |  |            |
| a   | 0 m <sup>3</sup>     | With an initial lead of 50 m and lift up to 1.50 m   | 1452 /10m <sup>3</sup>   | (Rs One thousand four hundred and fifty two only)      | 0          |
| b   | 57.35 m <sup>3</sup> | With an initial lead of 50 m and lift over 1.50 m up to 3.00m  | 1626 /10m <sup>3</sup>   | (Rs One thousand six hundred and twenty six only)      | 9325       |
| 4   | 1 m <sup>3</sup>     | Cement concrete 1:4:8 using 40 mm broken stone including consolidating, watering, curing, etc. complete.   | 5333 /m <sup>3</sup>     | (Rs Five thousand three hundred and thirty three only) | 2773       |
| 5   |                      | Vibrated R C C 1:1.5:3 using 20 mm broken stone including all form work , watering, curing etc. complete but excluding cost of reinforcement   |                          |  |            |
| a   | 37.05 m <sup>3</sup> | For column footing   | 86.50 /10dm <sup>3</sup> | (Rs Eighty six and Ps.fifty only)                      | 320483     |
| b   | 0 m <sup>3</sup>     | For plinth belt and grade beams  | 114 /10dm <sup>3</sup>   | (Rs One hundred and fourteen only)                     | 0          |
| c   | 2.49 m <sup>3</sup>  | For columns ,pillars, corbels, cornices, etc. in cellarand ground floors   | 177 /10dm <sup>3</sup>   | (Rs One hundred and seventy seven only)                | 44073      |

| No. | Quantity            | Details of work   | Rate/unit              | (Rate in words)                        | Amt.in Rs. |
|-----|---------------------|---|------------------------|--|------------|
| d   | 0 m <sup>3</sup>    | For columns ,pillars, corbels, cornices, etc. in first floor  | 184 /10dm <sup>3</sup> | (Rs One hundred and eighty four only)  | 0          |
| e   | 0.42 m <sup>3</sup> | For columns ,pillars, corbels, cornices, etc. in second floor   | 191 /10dm <sup>3</sup> | (Rs One hundred and ninety one only)   | 8022       |
| f   | 8.69 m <sup>3</sup> | For Arch beams, lintels, sunshade, vertical drops in cellar and ground floors   | 163 /10dm <sup>3</sup> | (Rs One hundred and sixty three only)  | 141647     |
| g   | 4.01 m <sup>3</sup> | For Arch beams, lintels, sunshade, vertical drops in first floor  | 170 /10dm <sup>3</sup> | (Rs One hundred and seventy only)      | 68170      |
| h   | 0 m <sup>3</sup>    | For Arch beams, lintels, sunshade, vertical drops in second floor   | 176 /10dm <sup>3</sup> | (Rs One hundred and seventy six only)  | 0          |
| i   | 0.51 m <sup>3</sup> | for floor/roof slabs, stair case, sloping slab etc in cellar and ground floors  | 132 /10dm <sup>3</sup> | (Rs One hundred and thirty two only)   | 6732       |
| j   | 0.12 m <sup>3</sup> | For floor/roof slabs, stair case, sloping slab etc in first floor   | 136 /10dm <sup>3</sup> | (Rs One hundred and thirty six only)   | 1632       |
| k   | 0.84 m <sup>3</sup> | For floor/roof slabs, stair case, sloping slab etc in second floor  | 141 /10dm <sup>3</sup> | (Rs One hundred and forty one only)    | 11844      |
| l   | 2 m <sup>3</sup>    | For bottom slab of septic tank  | 83 /10dm <sup>3</sup>  | (Rs Eighty three only)                 | 16600      |
| m   | 16 m <sup>3</sup>   | For side wall of septic tank.(15 cm thick) both side formwork   | 164 /10dm <sup>3</sup> | (Rs One hundred and sixty four only)   | 262400     |
| n   | 2 m <sup>3</sup>    | For pre cast slabs  | 90 /10dm <sup>3</sup>  | (Rs Ninety only)                       | 18000      |
| 6   |                     | Vibrated Readymix concrete of M 20 grade as per ISI specifications and quality including all form works, watering, curing and all cost of cube testing etc. complete but excluding cost of reinforcement. |                        |  |            |
| a   | 0 m <sup>3</sup>    | For side wall of retaining portion  | 143 /10dm <sup>3</sup> | (Rs One hundred and forty three only)  | 0          |
| b   | 0 m <sup>3</sup>    | For beams drops etc. in cellar and ground floors  | 166 /10dm <sup>3</sup> | (Rs One hundred and sixty six only)    | 0          |
| c   | 0 m <sup>3</sup>    | For beams drops etc. in first floor   | 170 /10dm <sup>3</sup> | (Rs One hundred and seventy only)      | 0          |
| d   | 2.39 m <sup>3</sup> | For floor, roof slabs etc. in cellar and ground floors  | 134 /10dm <sup>3</sup> | (Rs One hundred and thirty four only)  | 32026      |
| e   | 0 m <sup>3</sup>    | For floor, roof slabs etc. in first floor   | 137 /10dm <sup>3</sup> | (Rs One hundred and thirty seven only) | 0          |

| No. | Quantity             | Details of work  | Rate/unit              | (Rate in words)                                       | Amt.in Rs. |
|-----|----------------------|--|------------------------|---|------------|
| 7   | 3 m <sup>3</sup>     | Reinforced cement concrete 1:2:4. using 20mm broken stone for columns including all form work,watering,curing, etc. complete but excluding cost of reinforcement etc for dummy columns in second floor | 184 /10dm <sup>3</sup> | (Rs One hundred and eighty four only)                 | 55200      |
| 8   | 0 qtl                | Reinforcement for RCC works, bent, tied and placed in position (plain grill requiring bending cold) Using tor steel  | 7296 /qtl              | (Rs.Seven thousand two hundred and ninety six only)   | 0          |
| 9   | 2.70 kg              | Supplying and fixing stainless steel hooks of various dia  | 173 /kg                | (Rs One hundred and seventy three only)               | 467        |
| 10  | 15.60 m <sup>3</sup> | CC 1:3:6 using 20 mm broken stone including all form work on both sides, watering, curing etc. complete for basement etc.  | 94 /10dm <sup>3</sup>  | (Rs Ninety four only)                                 | 146593     |
| 11  | 0 m <sup>3</sup>     | Random rubble masondry in CM 1:6 for foundation and basement including simultaneous pointing to the exposed faces of masonry   | 3626 /m <sup>3</sup>   | (Rs Three thousand six hundred and twenty six only)   | 0          |
| 12  | 4 m <sup>3</sup>     | Dry rubble masonry for leach pit etc.  | 2063 /m <sup>3</sup>   | (Rs Two thousand and sixty three only)                | 8252       |
| 13  |                      | High density solid block masonry in cm1:6 using solid concrete blocks of approved quality and size 40x20x15cm including all cost ,conveyance of materials, labour charges , scaffolding etc.complete   |                        |   |            |
| a   | 5 m <sup>3</sup>     | For foundation and basement  | 4617 /m <sup>3</sup>   | (Rs Four thousand six hundred and seventeen only)     | 23085      |
| b   | 3.63 m <sup>3</sup>  | For superstructure in cellar and ground floors   | 4742 /m <sup>3</sup>   | (Rs Four thousand seven hundred and forty two only)   | 17213      |
| c   | 65 m <sup>3</sup>    | For superstrucure in first floor.  | 4867 /m <sup>3</sup>   | (Rs Four thousand eight hundred and sixty seven only) | 316355     |
| d   | 12 m <sup>3</sup>    | For superstrucure in second floor.   | 4993 /m <sup>3</sup>   | (Rs Four thousand nine hundred and ninety three only) | 59916      |

| No. | Quantity           | Details of work  | Rate/unit                | (Rate in words)                                     | Amt.in Rs. |
|-----|--------------------|--|--------------------------|---|------------|
| 14  | 1 m <sup>3</sup>   | Violet wood planed and framed work for frames of doors   | 1123 /10dm <sup>3</sup>  | (Rs One thousand one hundred and twenty three only) | 112300     |
| 15  | 225 m <sup>2</sup> | Termite proof treatment using best quality anti-termite chemical in specified concentration including all labour and incidental charges etc.complete   | 454 /10m <sup>2</sup>    | (Rs.Four hundred and fifty four only)               | 10215      |
| 16  | 13 qtl             | Providing M.S. grill for windows/ventilators,compound gates using square and round rods etc. including all cost of materials,hire charges labour charges for fabricating and fixing in position to masonry or concrete etc. complete including applying a coat of zinc chromate primer | 10420 /qtl               | (Rs Ten thousand four hundred and twenty only)      | 135460     |
| 17  | 102 nos            | Supplying and fixing flat iron hold fasts of size 350 mm x 50mm x 3 mm with necessary screws.  | 42 /each                 | (Rs Forty two only)                                 | 4284       |
| 18  | 30 nos             | Fixing wooden joineries to RCC columns with cauch screws 12.5x.80 cm or nearest size using fibre plugs including all labour charges for drilling RCC column,fixing fibre plugs etc. complete.  | 35 /each                 | (Rs Thirty five only)                               | 1050       |
| 19  | 4 m <sup>3</sup>   | Cement concrete 1:2:4 using 20 mm broken stone including watering, curing etc. complete in cellar and ground floors  | 75.50 /10dm <sup>3</sup> | (Rs Seventy five and Ps. fifty only)                | 30200      |
| 20  | 2 m <sup>3</sup>   | Cement concrete 1:2:4 using 20 mm broken stone including watering, curing etc. complete in first floor   | 77.50 /10dm <sup>3</sup> | (Rs Seventy seven and Ps. fifty only)               | 15500      |
| 21  | 3 m <sup>3</sup>   | Cement concrete 1:2:4 using 20 mm broken stone including all form work, watering, curing etc. complete for holdfast blocks   | 115 /10dm <sup>3</sup>   | (Rs One hundred and fifteen only)                   | 34500      |
| 22  | 33 m <sup>2</sup>  | Supplying and fixing Violet wood fully panelled single shutters to suit the door frames already fixed inclusive of all labour charges for fixing the fittings,but excluding cost of fittings   | 522 /10dm <sup>2</sup>   | (Rs Five hundred and twenty two only)               | 172260     |

| No. | Quantity          | Details of work  | Rate/unit            | (Rate in words)                                      | Amt.in Rs. |
|-----|-------------------|--|----------------------|--|------------|
| 23  | 24 m              | Supplying aproved quality ready made solid PVC door frame of size 50 x 47 x 5 mm reinforced with 19 x 19 x19g M S square tube including all labour charges for fabricating and fixing in position but excluding cost of fittings etc. complete         | 371 /m               | (Rs Three hundred and seventy one only)              | 8904       |
| 24  | 7 m <sup>2</sup>  | Supplying and fixing aproved quality ready made solid PVC door shutters 30 mm thick and reinforced with 19 x 19 x 9 mm MS square tube including all labour charges for fabricating and fixing in position but excluding cost of fittings etc. complete | 2638 /m <sup>2</sup> | (Rs .Two thousand six hundred and thirty eight only) | 18466      |
| 25  | 1345 kg           | Supplying powder coated aluminium sections of different size(indal or equivelent) including conveyance   | 341 /kg              | (Rs Three hundred and forty one only)                | 458645     |
| 26  | 860 m             | Supplying and fixing best quality rubber beeding for fixing glass/ PVC panels to the aluminium frame work  | 40 /m                | (Rs Forty only)                                      | 34400      |
| 27  | 16 m <sup>2</sup> | Supplying and fixing 12mm thick plain glass to suit the aluminium frame work (already fabricated and paid separately)  | 1521 /m <sup>2</sup> | (Rs .One thousand five hundred and twenty one only)  | 24336      |
| 28  | 31 m <sup>2</sup> | Supplying and fixing 5.5 mm thick plain glass to suit the aluminium frame work (already fabricated and paid separately)  | 615 /m <sup>2</sup>  | (Rs Six hundred and fifteen only)                    | 19065      |
| 29  | 63 m <sup>2</sup> | Supplying and fixing 4 mm thick plain glass to suit the aluminium frame work   | 450 /m <sup>2</sup>  | (Rs Four hundred and fifty only)                     | 28350      |
| 30  | 4 m <sup>2</sup>  | Supplying and fixing 3 mm thick pin headed glass louvers to ventilators  | 285 /m <sup>2</sup>  | (Rs Two hundred and eighty five only)                | 1140       |
| 31  | 85 m <sup>2</sup> | Supplying and fixing 3 mm thick Aluminium composite panelof approved colour and quality to suit the aluminium frame work (already fabricated and paid separately)  | 1437 /m <sup>2</sup> | (Rs One thousand four hundred and thirty seven only) | 122145     |

| No. | Quantity           | Details of work   | Rate/unit           | (Rate in words)                                      | Amt.in Rs. |
|-----|--------------------|---|---------------------|--|------------|
| 32  | 80 m <sup>2</sup>  | Labour charges for fabricating and fixing Aluminium doors of any size using deptl. materials including cutting and making good the walls floors etc. complete, including labour charges for fixing all fittings but excluding cost of fittings        | 683 /m <sup>2</sup> | (Rs Six hundred and eighty three only)               | 54640      |
| 33  | 128 m <sup>2</sup> | Labour charges for fabricating and fixing aluminium windows and ventilators of any size using departmental material including cutting and making good the walls, floors etc and labour charges for fixing all fittings but excluding cost of fittings | 758 /m <sup>2</sup> | (Rs Seven hundred and fifty eight only)              | 97024      |
| 34  |                    | Supplying best quality indian make furniture fittings to door, windows and ventilators.   |                     |  |            |
| a   | 144 nos            | 100 mm stainless steel butt hinges  | 299 /10nos          | (Rs Two hundred and ninety nine only)                | 4306       |
| b   | 18 nos             | 75 mm stainless steel butt hinges   | 242 /10nos          | (Rs Two hundred and forty two only)                  | 436        |
| c   | 6 nos              | 200 mm S S Aldrop 12 mm dia   | 1265 /10nos         | (Rs One thousand two hundred and sixty five only)    | 759        |
| d   | 18 nos             | 250 mm S S Aldrop 16 mm dia   | 1438 /10nos         | (Rs One thousand four hundred and thirty eight only) | 2588       |
| e   | 48 nos             | 150 mm Aluminium door handles without plate   | 358 /10nos          | (Rs Three hundred and fifty eight only)              | 1718       |
| f   | 36 nos             | 200 mm SS tower bolt  | 690 /10nos          | (Rs Six hundred and ninety only)                     | 2484       |
| g   | 12 nos             | 150 mm SS tower bolt  | 63 /each            | (Rs Sixty three only)                                | 756        |
| h   | 4 nos              | 65 mm Pad lock  | 265 /each           | (Rs Two hundred and sixty five only)                 | 1060       |
| i   | 3 nos              | Mortice lock without handles for aluminium doors.   | 397 /each           | (Rs Three hundred and ninety seven only)             | 1191       |
| j   | 3 nos              | Hydraulic door closer suitable for aluminium doors.   | 661 /each           | (Rs Six hundred and sixty one only)                  | 1983       |
| k   | 6 pair             | Pair of Powder coated aluminium door handles 150 mm size  | 80.50 /Pair         | (Rs Eighty and ps.fifty only)                        | 483        |
| l   | 93 nos             | Powder coated aluminium handles with locking arrangements suitable for window shutters  | 69 /each            | (Rs Sixty nine only)                                 | 6417       |
| m   | 186 nos            | l - max hinges for Aluminium windows  | 104 /each           | (Rs One hundred and four only)                       | 19344      |

| No. | Quantity              | Details of work   | Rate/unit              | (Rate in words)                                      | Amt.in Rs. |
|-----|-----------------------|---|------------------------|--|------------|
| n   | 11 m                  | Guide channel for glass louvers   | 1265 /m                | (Rs One thousand two hundred and sixty five only)    | 13915      |
| o   | 1152 nos              | 30 mm stainless steel screws  | 14 /10nos              | (Rs Fourteen only)                                   | 1613       |
| p   | 1113 nos              | 20 mm stainless steel screws  | 9.20 /10nos            | (Rs Nine and Ps. twenty only)                        | 1024       |
| q   | 300 nos               | 50 mm iron screws   | 11.50 /10nos           | (Rs Eleven and Ps. Fifty only)                       | 345        |
| r   | 300 nos               | 50 mm fibre plugs   | 14 /10nos              | (Rs Fourteen only)                                   | 420        |
| s   | 4 nos                 | Floor spring hinges of standard size  | 4313 /each             | (Rs Four thousand three hundred and thirteen only)   | 17252      |
| 35  | 475 m <sup>2</sup>    | Plastering with CM 1:3, 9 mm thick one coat floated hard and trowelled smooth for concrete surfaces   | 1816 /10m <sup>2</sup> | (Rs One thousand eight hundred and sixteen only)     | 86260      |
| 36  | 289.79 m <sup>2</sup> | Plastering with CM 1:3, 12 mm thick one coat floated hard and trowelled smooth with neat cement flushing coat including adding 2 % of water proof compound.                                       | 2598 /10m <sup>2</sup> | (Rs Two thousand five hundred and ninety eight only) | 75287      |
| 37  | 1186 m <sup>2</sup>   | Plastering with CM 1:4 12 mm thick one coat floated hard and trowelled smooth.  | 2097 /10m <sup>2</sup> | (Rs Two thousand and ninety seven only)              | 248673     |
| 38  | 40 m <sup>2</sup>     | Plastering with CM 1:4 12 mm thick one coat floated hard and trowelled smooth with neat cement flushing coat .  | 2526 /10m <sup>2</sup> | (Rs Two thousand five hundred and twenty six only)   | 10104      |
| 39  | 280 m                 | Providing water cut beeding 25 mm wide and 15 mm thick with C M 1 : 3   | 348 /10m               | (Rs Three hundred and forty eight only)              | 9744       |
| 40  | 65 m                  | Providing border 75 mm wide and 15 mm thick with CM 1 : 3   | 407 /10m               | (Rs Four hundred and seven only)                     | 2646       |
| 41  | 95 m                  | Providing ornamental plastering to the edge of floor slab with C.M.1:3, 12 mm thick (15 cm width with 3 folds) as per direction of departmental officers  | 688 /10m               | (Rs Six hundred and eighty eight only)               | 6536       |
| 42  | 55 m                  | Ornamental plastering with cement mortar 1:3,12 mm thick or nearest thickness as per the drawing given to the parapet wall etc. including all cost of materials and labour charges etc. complete. | 2108 /10m              | (Rs Two thousand one hundred and eight only)         | 11594      |

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|-----|--------------------|--|------------------------|---|------------|
| 43  | 20 nos             | Ornamental plastering with cement mortar 1:3,12mm thick or nearest thickness (as per the drawing given) to the pillars of parapet etc. including all cost of materials and labour charges etc. complete.   | 520 /each              | (Rs Five hundred and twenty only)                     | 10400      |
| 44  | 4 nos              | Ornamental work with cement mortar 1:3, (as per the drawing given) to the column base including all cost of materials and labour charges etc. complete.  | 530 /Each              | (Rs Five hundred and thirty only)                     | 2120       |
| 45  | 150 m <sup>2</sup> | Supplying and paving polished granite slab( jet black)18mm thick of approved quality and colour laid over a bed of 20 mm thick CM 1:4, cement grout for binding, pointing the joints with matching coloured cement etc. complete including skirting. | 2118 /m <sup>2</sup>   | (Rs Two thousand one hundred and eighteen only)       | 317700     |
| 46  | 325 m              | Curving and polishing to the edges of granite slab as per the directions of departmental officers.   | 186 /m                 | (Rs One hundred and eighty six only)                  | 60450      |
| 47  | 550 m <sup>2</sup> | Supplying and paving fully vitrified best quality ISI marked floor tiles 60cm x 60cm of approved colour and design in CM 1:3,12 mm thick and pointing joints with suitable coloured cement.  | 1223 /m <sup>2</sup>   | (Rs One thousand two hundred and twenty three only)   | 672650     |
| 48  | 25 m <sup>2</sup>  | Supplying and paving fully vitrified anti skid floor tiles 30cm x 30cm of best quality in CM 1:3,12 mm thick and pointing joints with suitable coloured cement.  | 1178 /m <sup>2</sup>   | (Rs One thousand one hundred and seventy eight only)  | 29450      |
| 49  | 325 m <sup>2</sup> | Dadoing walls with best quality coloured glazed tiles in CM 1:3,12 mm thick and pointing with suitable coloured cement..   | 1434 /m <sup>2</sup>   | (Rs One thousand four hundred and thirty four only)   | 466050     |
| 50  | 30 m <sup>2</sup>  | Supplying and flooring with approved pattern designer floor paving tiles of best quality 65mm thick laid in CM 1:4 20 mm thick and pointing joints with suitable coloured cement   | 8749 /10m <sup>2</sup> | (Rs Eight thousand seven hundred and forty nine only) | 26247      |



| No. | Quantity | Details of work   | Rate/unit   | (Rate in words)                                      | Amt.in Rs. |
|-----|----------|---|-------------|--|------------|
| 51  | 9 nos    | Providing and fixing CP towel rods 600x20 mm or nearest size with necessary plugs and brass screws etc. complete.   | 254 /each   | (Rs Two hundred and fifty four only)                 | 2286       |
| 52  | 2 nos    | Supplying and fixing P V C tap 15 mm with hose connector  | 57.50 /each | (Rs Fifty seven and Ps. Fifty only)                  | 115        |
| 53  | 10 nos   | Supplying and fixing superior quality 15mm C.P long body tap with flange( model no. F250002 hindware or equivalent)   | 2187 /each  | (Rs Two thousand one hundred and eighty seven only)  | 21870      |
| 54  | 4 nos    | Supplying and fixing superior quality 15mm C.P table mounted sink cock with normal swivel spout( model no.F120025 hindware or equivalent)   | 2758 /each  | (Rs Two thousand seven hundred and fifty eight only) | 11032      |
| 55  | 4 nos    | Supplying and fixing best quality CP angle cock   | 460 /each   | (Rs Four hundred and sixty only)                     | 1840       |
| 56  | 2 nos    | Supplying and fixing superior quality CP concealed stop cock (model no. F150004 hindware or equivalent)   | 2013 /each  | (Rs Two thousand and thirteen only)                  | 4026       |
| 57  | 2 nos    | Supplying and fixing superior quality CP flow shower with antiline system ball joint with opener( model no. F160034 hindware or equivalent)   | 1926 /each  | (Rs One thousand nine hundred and twenty six only)   | 3852       |
| 58  |          | Supplying and fixing follwing brass specials  |             |  |            |
| a   | 16 nos   | 20 x15 mm brass reducer   | 63 /each    | (Rs.Sixty three only)                                | 1008       |
| b   | 10 nos   | 20 x15 mm brass reducing elbow  | 72.50 /each | (Rs Seventy two and Ps. fifty only)                  | 725        |
| c   | 10 nos   | 20 x15 mm brass reducing Tee  | 100 /each   | (Rs One hundred only)                                | 1000       |
| 59  | 8 nos    | 450X300mm or nearest size bevelled edged coppered back mirror of Indian superior make glass,with hard board or plastic sheet on the rear and fixing the same in position with necessary TW plugs embedded in cement mortar and screwed on to it with CP fixing screws | 409 /each   | (Rs Four hundred and nine only)                      | 3272       |

| No. | Quantity | Details of work  | Rate/unit   | (Rate in words)   | Amt.in Rs. |
|-----|----------|--|-------------|---|------------|
| 60  | 4 nos    | Supplying and fitting superior quality Art Collection 620x520 mm or nearest size star white counter top wash hand basin (model no 91058 hind ware or equivalent)fixing with rack bolt, one central 15 mm C.P. Brass tarrot tall body single lever pillar tap( model no 150016 hind ware or equivalent) , 1 no 15 mm PVC flexible connection with brass union , 1No CP angle cock , 32 mm CP brass waste ( model no F850001) including cutting and making good the walls etc. complete.       | 27032 /each | (Rs.Twenty seven thousand and thirty two only)            | 108128     |
| 61  | 4 nos    | Supplying and fitting superior quality Art Collection 600x450 mm or nearest size star white half pedastial wash hand basin (model no Essense 91035 hind ware or equivalent) fixing with rack bolt, one central 15 mm C.P. Brass cornice pillar tap (model no 190001 hind ware or equivalent) , 1 no 15 mm PVC flexible connection with brass union , 1No CP angle cock, 32 mm CP brass waste (model no F850001) , etc. complete including cutting and making good the walls , etc. complete. | 20344 /each | (Rs.Twenty thousand three hundred and forty four only)    | 81376      |
| 62  | 4 nos    | Supplying and fixing superior quality single piece Art collection European type star white earthen ware WC pan with trap (Indian make) olivea (model no 92038 hindware or equivalent) . 1No CP angle cock, 1No 15mm flexible connection etc complete.  | 18538 /each | (Rs.Eighteen thousand five hundred and thirty eight only) | 74152      |

| No. | Quantity | Details of work  | Rate/unit   | (Rate in words)  | Amt.in Rs. |
|-----|----------|--|-------------|--|------------|
| 63  | 2 nos    | Supplying and fixing best quality indian type white glazed earthenware Orissa pan water closet 530 mm x 400 mm or nearest size with S or P trap as required 10 ltr capacity PVC high level flushing cistern 32mm PVC pipe 180cm long, 15mm PVC flexible connection, 1no 15mm CP angle valve etc. including embedding the closet and trap in brick jelly concrete in C M including cutting and making good the walls and floors etc. complete in all floors | 3660 /each  | (Rs Three thousand Six hundred and sixty only)           | 7320       |
| 64  | 3 nos    | Supplying and fixing superior quality sensor operated star white earthen ware flat back lipped front Urinal (model no.60018 hindware or equivalent),32mm CP dome type waste coupling 1no. etc. complete  | 18744 /each | (Rs Eighteen thousand seven hundred and forty four only) | 56232      |
| 65  | 4 nos    | Supplying and fixing superior quality C.P health faucet with double lock (model no.160002 hindware or equivalent) with 1 metre brass C.P SS flexible hose and wall hook.   | 2070 /each  | (Rs Two thousand and seventy only)                       | 8280       |
| 66  | 3 nos    | S/F cast iron gratings 225X225mm   | 64.50 /each | (Rs Sixty four and Ps. fifty only)                       | 194        |
| 67  | 4000 Ltr | Supplying and fixing PVC water tank best quality ( ISI marked )  | 575 /100Ltr | (Rs Five hundred and seventy five only)                  | 23000      |
| 68  | 6 nos    | Supplying and fixing 25 mm P V C ball valve best quality   | 109 /each   | (Rs One hundred and nine only)                           | 654        |
| 69  | 2 nos    | Supplying and fixing 32 mm P V C ball valve best quality   | 167 /each   | (Rs One hundred and sixty seven only)                    | 334        |
| 70  | 1 no     | Supplying and fixing 40 mm P V C ball valve best quality   | 202 /each   | (Rs Two hundred and two only)                            | 202        |
| 71  | 2 nos    | Supplying and fixing 25 mm GM ball valve with polythene float  | 455 /each   | (Rs Four hundred and fifty five only)                    | 910        |
| 72  |          | Supplying laying and jointing various dia PVC pipe (pasted type) with specials such as Tees, bends, elbows etc. complete. with clamps including trenching to a minimum depth of 0.50 m and refilling etc. complete.  |             |  |            |
| a   | 40 m     | 40 mm dia  | 100 /m      | (Rs One hundred only)                                    | 4000       |

| No. | Quantity | Details of work   | Rate/unit   | (Rate in words)                       | Amt.in Rs. |
|-----|----------|---|-------------|---------------------------------------|------------|
| b   | 50 m     | 32 mm dia   | 84.50 /m    | (Rs Eighty four and Ps. fifty only)   | 4225       |
| 73  |          | Supplying laying and jointing Various dia PVC pipe (pasted type) 8 kg/cm <sup>2</sup> with specials including cutting and making good the walls etc complete              |             |                                       |            |
| a   | 25 m     | 40 mm dia   | 87 /m       | (Rs Eighty seven only)                | 2175       |
| b   | 100 m    | 32 mm dia   | 68 /m       | (Rs Sixty eight only)                 | 6800       |
| c   | 100 m    | 25 mm dia   | 47.50 /m    | (Rs. Forty seven and Ps. fifty only)  | 4750       |
| 74  |          | Supplying, laying and jointing various dia P V C pasted pipe (4kg / cm <sup>2</sup> ) without specials including cutting masonry or concrete for taking connections etc   |             |                                       |            |
| a   | 30 m     | 63 mm dia   | 112 /m      | (Rs One hundred and twelve only)      | 3360       |
| b   | 150 m    | 110 mm dia  | 248 /m      | (Rs Two hundred and forty eight only) | 37200      |
| 75  |          | Supplying, laying and jointing various dia P V C pasted pipe ( 4kg / cm <sup>2</sup> ) without specials including trenchig to a minimum depth of 0.50 m and refilling etc |             |                                       |            |
| a   | 30 m     | 63 mm dia   | 116 /m      | (Rs One hundred and sixteen only)     | 3480       |
| b   | 40 m     | 110 mm dia  | 252 /m      | (Rs Two hundred and fifty two only)   | 10080      |
| 76  |          | Supplying and fixing the following PVC specials   |             |                                       |            |
| a   | 10 nos   | 63 mm PVC bend  | 31 /each    | (Rs Thirty one only)                  | 310        |
| b   | 10 nos   | 63 mm door elbow  | 81.50 /each | (Rs. Eighty one and Ps. fifty only)   | 815        |
| c   | 10 nos   | 63 mm door Tee  | 92 /each    | (Rs Ninety two only)                  | 920        |
| d   | 20 nos   | 110 mm bend   | 148 /each   | (Rs One hundred and forty eight only) | 2960       |
| e   | 20 nos   | 110 mm door elbow   | 201 /each   | (Rs Two hundred and one only)         | 4020       |
| f   | 10 nos   | 110 mm door Tee   | 232 /each   | (Rs Two hundred and thirty two only)  | 2320       |
| g   | 20 nos   | 110 mm elbow  | 161 /each   | (Rs One hundred and sixty one only)   | 3220       |
| h   | 10 nos   | 110 mm Tee  | 196 /each   | (Rs One hundred and ninety six only)  | 1960       |
| i   | 2 nos    | 110 mm Vent cowl  | 80.50 /each | (Rs. Eighty and Ps. fifty only)       | 161        |

| No. | Quantity            | Details of work  | Rate/unit              | (Rate in words)                                     | Amt.in Rs. |
|-----|---------------------|--|------------------------|---|------------|
| j   | 2 nos               | 110 mm Y junctions   | 259 /each              | (Rs Two hundred and fifty nine only)                | 518        |
| k   | 12 nos              | Supplying and fixing 110 mm three way P V C floor trap with gratings   | 207 /each              | (Rs Two hundred and seven only)                     | 2484       |
| 77  | 30 m <sup>2</sup>   | Providing and fixing approved colour powder coated glazing in aluminium frame as structural glazing with powder coated glazing section and securely fixing the frame work on to the masonry using properly designed anchor fasteners,frame work finished to line and level.The 5mm thick frosted glass shall be hermetically sealed until provided on the grid filling with approved grade silicon sealant SG18 or Dow corning 995(UV resistant) and weather sealant 789 or CS back with requisite structural bite applied as recommended by the sealant manufactures.The glass of approved shade without tong mark with an air gap of 12mm as per the particular specification and providing necessary security measures for the labourers as directed by the Engineer-in-charge. |                        |   |            |
|     |                     |  | 3906 /m <sup>2</sup>   | (Rs Three thousand nine hundred and six only)       | 117180     |
| 78  | 400 m <sup>2</sup>  | Ceiling with Extruded polythene thermal insulation board 25mm thick with T grid frame work of size 60x120cm and using G.I 50x25mm channel on both ways hanging and G.I c-channel for perimeter and G.I angle for hangers supporting clip,hanger fast,50mm,25mm star screw powder coated,joint tape,rubberised compound paste for joints,sand paper etc.including all cost for labour charges etc. complete.as per the direction of dept.officers   | 1000 /m <sup>2</sup>   | (Rs One thousand only)                              | 400000     |
| 79  | 1510 m <sup>2</sup> | Finishing walls with wall putty two coats of approved quality including priming coat after rubbing with sand paper and cleaning the surface etc. complete  | 1984 /10m <sup>2</sup> | (Rs One thousand nine hundred and eighty four only) | 299584     |

| No. | Quantity            | Details of work  | Rate/unit              | (Rate in words)                                      | Amt.in Rs. |
|-----|---------------------|--|------------------------|--|------------|
| 80  | 2110 m <sup>2</sup> | Painting with approved quality ready mixed plastic emulsion paint of approved colour and quality two coats including a priming coat after rubbing with sand paper and cleaning the surface.  | 837 /10m <sup>2</sup>  | (Rs Eight hundred and thirty seven only)             | 176607     |
| 81  | 960 m <sup>2</sup>  | Painting best quality weather proofing antifungal exterior emulsion paint two coats on new surface after rubbing with sand paper and cleaning the new surface.   | 1077 /10m <sup>2</sup> | (Rs One thousand and seventy seven only)             | 103392     |
| 82  | 85 m <sup>2</sup>   | Painting priming coat on new wood work after rubbing with sand paper and cleaning the surface.   | 292 /10m <sup>2</sup>  | (Rs Two hundred and ninety two only)                 | 2482       |
| 83  | 655 m               | Providing groove 10mm or nearest by cutting cement mortar on walls in between concrete and masonry etc. complete as per the directions of deptl. Officers  | 162 /10m               | (Rs One hundred and sixty two only)                  | 10611      |
| 84  | 175 m <sup>2</sup>  | Painting with synthetic enamel paint of approved colour and quality two coats for new wood and iron work after cleaning the surface.   | 784 /10m <sup>2</sup>  | (Rs Seven hundred and eighty four only)              | 13720      |
| 85  | 50 m                | Supplying and fixing stainless steel hand rail of approved design using good quality 16g Stainless steel pipe 50mm dia, for vertical support 1m intervals 20mm dia for horizontals 3nos. at suitable intervals including all cost of materials and labour charges for fixing, welding, polishing etc. complete | 3565 /m                | (Rs Three thousand five hundred and sixty five only) | 178250     |
| 86  | 40 m <sup>2</sup>   | Providing ferro cement slab coating using C M 1:2, 20 mm thick and reinforced with 75mm x 75mm - 12 g x 12 g welded mesh etc complete as per the directions of departmental officers   | 801 /m <sup>2</sup>    | (Rs Eight hundred and one only)                      | 32040      |
| 87  | 300 m <sup>2</sup>  | Paving with abrasion resistant interlocking Garden tiles of 50 mm thick of approved colour and quality laid over a bed of 6 mm broken stones of 50 mm thick including sectioning and forming the surface etc complete.   | 820 /m <sup>2</sup>    | (Rs Eight hundred and twenty only)                   | 246000     |

| No.  | Quantity         | Details of work  | Rate/unit              | (Rate in words)                       | Amt.in Rs.         |
|--|------------------|--|------------------------|---------------------------------------|--------------------|
| 88   | 8 m <sup>2</sup> | Supplying and fixing rolling shutter of approved make and painted with a priming coat of iron primer, made of 80 x 1.25 mm MS laths inerlocked together through their entire length and joined together at end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for iside and outside locking with push and pull operations etc. complete | 252 /10dm <sup>2</sup> | (Rs Two hundred and fifty two only)   | 20160              |
| 89   | 3 m              | Providing cover to rolling shutter using MS sheets including applying a coat of iron primer etc. complete.   | 667 /m                 | (Rs Six hundred and sixty seven only) | 2001               |
|  |                  |  |                        |                                       | Tender PAC 7177290 |
| <u>Deductions</u>  |                  |  |                        |                                       |                    |
| 1.Market rates vide -item (no.6,a) 0m <sup>3</sup> @Rs79.64/10dm <sup>3</sup>    |                  |  | 0                      |                                       |                    |
| 2.Market rates vide -item (no.6,b)0m <sup>3</sup> @Rs79.64/10dm <sup>3</sup>     |                  |  | 0                      |                                       |                    |
| 3.Market rates vide -item (no.6,c)0m <sup>3</sup> @Rs.79.64/10dm <sup>3</sup>    |                  |  | 0                      |                                       |                    |
| 4.Market rates vide -item (no.6,d) 2.39m <sup>3</sup> @Rs79.64/10dm <sup>3</sup> |                  |  | 19034                  |                                       |                    |
| 5.Market rates vide -item (no.6,e) 0m <sup>3</sup> @ Rs79.64/10dm <sup>3</sup>   |                  |  | 0                      |                                       |                    |
| 6.Market rates vide -item (no.9)2.70kg @ Rs.173/kg                               |                  |  | 467                    |                                       |                    |
| 7 Market rates vide -item (no.18)30 nos @Rs.15.53/each                           |                  |  | 466                    |                                       |                    |
| 8 Market rates vide -item (no.27)16 m <sup>2</sup> @Rs.1509.38/m <sup>2</sup>    |                  |  | 24150                  |                                       |                    |
| 9.Market rates vide -item (no.34,a) 144 nos@299/10nos                            |                  |  | 4306                   |                                       |                    |
| 10.Market rates vide -item (no.34,b) 18nos@ 242/10nos                            |                  |  | 436                    |                                       |                    |
| 11.Market rates vide -item (no.34,c) 6 nos@1265/10nos                            |                  |  | 759                    |                                       |                    |
| 12.Market rates vide -item (no.34,d)18nos@1438/10nos                             |                  |  | 2588                   |                                       |                    |
| 13.Market rates vide -item (no.34,f)36nos@690/10nos                              |                  |  | 2484                   |                                       |                    |
| 14.Market rates vide -item (no.34,g) 12nos@63/each                               |                  |  | 756                    |                                       |                    |
| 15.Market rates vide -item (no.34,i) 3nos@397/each                               |                  |  | 1191                   |                                       |                    |
| 16.Market rates vide -item (no.34,j) 3nos@661/each                               |                  |  | 1983                   |                                       |                    |

| No. | Quantity | Details of work                                       | Rate/unit | (Rate in words) | Amt.in Rs. |
|-----|----------|---|-----------|-----------------|------------|
|     |          | 17.Market rates vide -item (no.34,k) 6 nos@80.50/each | 483       |                 |            |
|     |          | 18.Market rates vide -item (no.34,l)93nos@69/each     | 6417      |                 |            |
|     |          | 19.Market rates vide -item (no.34,m) 186nos@104/each  | 19344     |                 |            |
|     |          | 20.Market rates vide -item (no.34,n)11m@1265/m        | 13915     |                 |            |
|     |          | 21.Market rates vide -item (no.34,r) 300nos@14/10nos  | 420       |                 |            |
|     |          | 22.Market rates vide -item (no.34,s)4nos@4313/each    | 17252     |                 |            |
|     |          | 23.Market rates vide -item (no.52)2 Nos@57.50/Each    | 115       |                 |            |
|     |          | 24.Market rates vide -item (no.53)10nos@2185/Each     | 21850     |                 |            |
|     |          | 25.Market rates vide -item (no.54)4nos@2758/Each      | 11032     |                 |            |
|     |          | 26.Market rates vide -item (no.55)4nos@460/Each       | 1840      |                 |            |
|     |          | 27.Market rates vide -item (no.56)2nos@2013/each      | 4026      |                 |            |
|     |          | 28..Market rates vide -item (no.57)2nos@1926/each     | 3852      |                 |            |
|     |          | 29..Market rates vide -item (no.58,a)16nos@63/each    | 1008      |                 |            |
|     |          | 30..Market rates vide -item (no.58,b)10nos@72.50each  | 725       |                 |            |
|     |          | 31.Market rates vide -item (no.58,c)10nos@100/each    | 1000      |                 |            |
|     |          | 32.Market rates vide -item (no.60)4nos@26179.75/each  | 104719    |                 |            |
|     |          | 33.Market rates vide -item (no.61)4nos@19491.35/each  | 77965     |                 |            |
|     |          | 34.Market rates vide -item (no.62)4nos@17825/each     | 71300     |                 |            |
|     |          | 35.Market rates vide -item (no.63)2nos@460each        | 920       |                 |            |
|     |          | 36.Market rates vide -item (no.64)3nos@18492/each     | 55476     |                 |            |
|     |          | 37.Market rates vide -item (no.65)4nos@2070/each      | 8280      |                 |            |
|     |          | 38.Market rates vide -item (no.68)6nos@109/each       | 654       |                 |            |
|     |          | 39.Market rates vide -item (no.69)2nos@167/each       | 334       |                 |            |
|     |          | 40.Market rates vide -item (no.70)1no@202/each        | 202       |                 |            |
|     |          | 41.Market rates vide -item (no.76,j)2nos@259/each     | 518       |                 |            |
|     |          | 42.Market rates vide -item (no.76,k)12nos@207/each    | 2484      |                 |            |



| No. | Quantity | Details of work   | Rate/unit | (Rate in words)                         | Amt.in Rs. |
|-----|----------|---|-----------|---|------------|
|     |          | 43.Market rates vide -item (no.77)30m <sup>2</sup> @1502.25/m <sup>2</sup>    | 45068     |   |            |
|     |          | 44.Market rates vide -item (no.78)400m <sup>2</sup> @823.18/m <sup>2</sup>    | 329272    |   |            |
|     |          | Total deduction   | 859091    |   | 859091     |
|     |          |   |           | Tender PAC less cost of Market Rate Rs. | 6318199    |
|     |          | (Rupees Sixty three lakhs eighteen thousand one hundred and ninety nine only) |           |   |            |

**CONTRACTOR**

**DIRECTOR OF PHYSICAL PLANT(i/c)**