Annexure-A

Addition/ alterations of Sub-station near P-16 House to Animal House of Pharmacy Deptt. (Revised)

| S. No. | Description of Items | Qty. (approx) | Unit | Rate | Total Amt |
|-------------------|---|------------------|------|---------|-----------|
| Civil Part | | | | | |
| 1/6.6 | Earth work in excavation in foundations, trenches etc. in all kinds of soil where pick jumper work is not involved and not exceeding 2.0 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of excavation | 46 | Cum | 119.30 | 5487.80 |
| 2/NS | Earth filling in layers brought from outside the Campus | 28 | Cum | 172.26 | 4823.28 |
| 3/8.5 | Dismantling brick work tile masonary or tile lining | 5.09 | Cum | 422.70 | 2151.54 |
| b) | In cement. | | | | |
| 4/8.6 d) | Dismantling concrete or precast concrete. Cement concrete plain 1:2:4 | 1.5 | Cum | 845.41 | 1268.11 |
| 5/8.31 | Scraping | 120 | G | 4.44 | 552.20 |
| a) | White wash and colour wash | 130 | Sqm | 4.41 | 573.30 |
| $\frac{c}{c}$ | Cement Plaster. | 30 | Sqm | 22.31 | 669.30 |
| 6/9.8 | Centring and shuttering for flat surfaces such as suspended | 12 | Sqm | 204.01 | 2448.12 |
| 7/10.8 b) ii) | floors, roofs, landings, chajjas, shelves etc. Cement concrete 1:5:10 with stone blast 40 mm gauge using Concrete Mixer Volumetric type | 11.50 | Cum | 2344.56 | 26962.44 |
| 8/10.12 ii) | Cement Concrete 1:2:4 with stone ballast or shingle using Concrete Mixer Volumetric type | 2.5 | Cum | 3971.56 | 9928.90 |
| 9/10.28 | Damp proof course 4 cm thick of cement concrete 1: 2: 4 with two coats of bitumen 20/30 penetration @ 1.65 kg per sqm laid hot and sanded. | 14 | Sqm | 283.02 | 3962.28 |
| 10/10.46 | Extra for mechanical mixer used by the contractor at his own cost. | 6.5 | Cum | 88.50 | 575.25 |
| 11/11.5 | First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. | 15 | Cum | 3663.42 | 54951.30 |
| 12/11.6 | First class burnt brick work laid in cement sand mortar 1:5 in first storey upto 4 metres above plinth level. | 25.50 | Cum | 3944.62 | 100587.81 |
| 13/11.35 | 115 mm thick brick wall laid in cement mortar 1:4 without reinforcement in foundation and plinth. | 89 | Sqm | 476.65 | 42421.85 |
| 14/13.19 | Corrugated asbestos Sheet roofing 6 mm thick sheets fixed with GI hooks and bolts, limpet and bitumen washers complete fixed in position excluding the cost of perlins, rafters and trusses. | 8 | Sqm | 406.08 | 3248.64 |
| 15/14.88 | Kota stone tile flooring 20mm to 30 mm thick over 12.5mm thick base of cement mortar 1:3 (1 cement, 3 Sand) laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing. | 80 | Sqm | 1286.39 | 102911.20 |
| 16/14.90 | Kota stone tiles 20mm thick in skirting risers of steps, dado walls and pillars laid in 12.5mm thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with neat cement slurry mixed with pigment to match the shade of stone, including rubbing and polishing. | 6 | Sqm | 1318.06 | 7908.36 |
| 17/14.150 | Baroda green marble flooring 15mm to 20mm thick over 12.5mm thick base of Cement mortar 1:3 laid and jointed with white cement slurry with pigment to match the shade of marble including rubbing & Polishing. | 1.85 | Sqm | 2044.95 | 3783.15 |

| | Tiles Size 45 cm x 60 cm & above | | | | |
|-----------------------|--|-----|------|---------|----------|
| 18/15.9 | 12.5 mm thick cement plaster 1:4 | 167 | Sqm | 118.16 | 19732.72 |
| 19/15.20 | 20mm thick cement plaster 1:4 in two coat work | 167 | Sqm | 160.54 | 26810.18 |
| 20/16.3 | White washing (Three coat) | 550 | Sqm | 10.90 | 5995.00 |
| 21/16.18 b) | Painting two coats excluding priming coat with synthetic enamel paint in all shades on wood work, metallic or plastered, concrete surface to give an even shade. With ordinary quality Paint | 90 | Sqm | 49.48 | 4453.20 |
| 22/16.21 b) | Applying priming coat with metal primer on new steel or iron work including preparation of surface. With ordinary quality Paint | 90 | Sqm | 16.26 | 1463.40 |
| 23/17.23 ii) | Cost of Aluminium fittings complete for doors, windows such as tower bolts, handless and screw etc. for these fittings (Excluding sliding bolt) For shutter area above 0.50 sqm | 30 | Sqm | 144.04 | 4321.20 |
| 24/17.27 a) iv) | Factory manufactured flush door fixed in position iron hinges, etc (excluding the cost of any fittings other than specified above but including labour for fixing the same in position (Code : II Revision IS-2191 Part-I) 1973 Commercial with elm or gurjan facing on both \ Sides with laminated core and lipped edges:- 35 mm thick | 4.5 | Sqm | 2930.42 | 13186.89 |
| 25/17.45 a) | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate z sections and other sections conforming to Is: 733 and IS : 1285 of Jindal, Hindalco, Mahavir or equivalent make approved by Engineer in Charge , fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC Plug/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium 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 and paneling to be paid for separately) : For fixed portion and chaukhats | 30 | Kg | 339.17 | 10175.10 |
| b) | For shutters of doors, windows & ventilators including providing and fixing hinges/pivots and labour for fixing of fittings wherever required including the cost of PVC Plug / neoprene gasket required | 100 | Kg | 351.84 | 35184.00 |
| 26/17.46 i) | Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-In- Charge. Pre-laminated particle board with decorative lamination on one side. | 12 | Sqm | 905.35 | 10864.20 |
| 27/17.47 i) | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC Plug/ 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) Float glass panes of 5.5 mm thickness | 14 | Sqm | 976.58 | 13672.12 |
| | Providing and fixing aluminium sliding door bolts ISI | 15 | No's | 126.56 | 1898.40 |

| A) | marked anodized (anodia coating not loss than grade AC 10 | | | | |
|----------|--|----|-------|---------|----------|
| A) | marked anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or | | | | |
| | shade with nuts and screws etc. complete : | | | | |
| | 300mm x 16mm | | | | |
| 29/17.43 | P/F Hydraulic door closer ISI Mark compete in all | 04 | No's | 1131.32 | 4525.28 |
| c) | respects | | | | |
| 30/NS | Providing and Fixing ceiling consisting of 595 mm x 595 | 80 | Sqm. | 625.00 | 50000.00 |
| | mm x 8 mm thick PVC Tiles (Retardant PVC Film | | • | | |
| | Surface, Back side aluminium metalized Polyester Film | | | | |
| | and Sides with self Adhesive Tape) GI Cradling by means | | | | |
| | of GI hanger complete as per drawings and specifications | | | | |
| | to the entire satisfaction of engineer-in-charge | | | | |
| 31/18.4 | Wrought iron and mild steel ladders, framed grills, grating | 2 | Qtl | 7585.26 | 15170.52 |
| | etc. with ends of bars, riveted or welded or forged, framed | | | | |
| | window guards, barred iron doors, stair case, iron railing | | | | |
| | including cost of bolts and nuts or screws or welding rod, | | | | |
| 32/18.24 | complete fixed in position. | 21 | Mtr | 376.50 | 7906.50 |
| 52/18.24 | Supply & Fixing of pressed steel frames (Chowkhats) consisting of 18 gauge (1.25mm) thick steel sheet of the | 21 | Mur | 570.30 | /900.30 |
| | specified section(standard design latest) including iron lugs | | | | |
| | (hold fasts) iron hinges, confirming to P.W.D. | | | | |
| | specifications including bolts for fixing stops, locknotch | | | | |
| | provision for receiving tower bolts, Hydraulic spring and | | | | |
| | finished with one priming coat of approved quality, fixed in | | | | |
| | position, including the cost of cement concrete 1:3:6 for | | | | |
| | filling in the frame and cement concrete 1:2:4 for lugs | | | | |
| | complete. | | | | |
| (b) | Doors and windows frame of size 113mm x 60mm with 35 | | | | |
| | mm wide single rebate weighing 3.38 kg per meter. | | | | |
| 33/28.34 | Providing ISI Marked G.M ferrule as per IS: 2692, drilling | 2 | No's | 484.00 | 968.00 |
| d) | and tapping cast iron pipe lines of all diameters and | | | | |
| | screwing in Ferrule and connections complete in all | | | | |
| | respects 15mm i/d Ferrule heavy duty | | | | |
| 34/28.36 | Providing and laying, jointing, fixing, testing ISI Marked | | | | |
| 54/20.50 | G.I. Pipe (as per IS 1239) B- class, premium make such as | | | | |
| | (Jindal Hisar) including cost of Specials such as tees, | | | | |
| | bends, sockets, elbow etc. cutting, threading and testing in | | | | |
| | trenches in the ground complete. | 12 | Mtr | 126.00 | 1512.00 |
| a) | 15mm i/d | | | | |
| b) | 20mm i/d | 08 | Mtr | 160.00 | 1280.00 |
| 35/28.40 | Providing, Fixing and jointing G.I. Union Coupling (of | | | | |
| | approved make with the approval of Engineer-in-charge) as | | | | |
| | per IS 1879 in G.I. pipe lines complete in all respect | 04 | No's | 86.50 | 346.00 |
| a) | 15mm i/d G.I union | | | | |
| b) | 20mm i/d G.I union | 04 | No's | 145.50 | 582.00 |
| 36/28.43 | Providing, fixing and jointing ISI Marked Gun-Metal peet | 02 | No's | 554.50 | 1109.00 |
| b) | valves (Heavy Pattern) as per IS 778 with hand wheels, on | | | | |
| | G.I. pipe lines laid in the ground or inside buildings including all carriages complete. | | | | |
| | 20mm i/d Gun metal peet valve heavy pattern | | | | |
| 37/28.56 | Cutting holes upto 23cm square through B.B. in cement | 08 | No's | 160.50 | 1284.00 |
| b) | walls or stone masonary wall in cement for pipes, and | 00 | 110 5 | 100.30 | 1204.00 |
| 0) | making good the same 7 finishing according to existing | | | | |
| | finish where required. | | | | |
| | Through wall 22.88 cm thick | | | | |
| 38/30.64 | Providing & Fixing in position C.P. Brass flange of | 10 | No's | 52.00 | 520.00 |
| A) | approved make (to the approval of Engineer-in-charge) | - | ~~~ | | |

| | under various fixtures complete in all respects | | | | |
|---------------------------------|---|--------|-------------|---------|----------|
| 39/30.64 | Providing & Fixing in position C.P. Brass extension piece | 02 | No's | 89.50 | 179.00 |
| B) | 25mm long to 50mm long of approved make (to the | | | | |
| | approval of Engineer-in-charge) under various fixtures | | | | |
| | complete in all respects | | | | |
| 40/30.65 | Providing & Fixing in position 15mm i/d bib cock of | | | | |
| A | approved make (to the approval of Engineer-in-charge) | | | | |
| | complete in all respects | 02 | No's | 1043.00 | 2086.00 |
| i) | C.P. Brass bib cock long nose/ long body without flange | | | | |
| ii) | C.P. Brass bib cock without flange | 04 | No's | 819.00 | 3276.00 |
| 41/30.66 | Providing & Fixing in position Angle valve of approved | 01 | No's | 796.00 | 796.00 |
| | make (to the approval of Engineer-in-charge) complete in | | | | |
| | all respects | | | | |
| 2) | C.P. brass 15mm Angle valve without flange | | | | |
| 42/30.72 | Providing & Fixing in position PVC flexible tube | 02 | No's | 160.00 | 320.00 |
| | connection of approved make (to the approval of Engineer- | | | | |
| | in-charge) complete in all respects | | | | |
| a) | PVC tube connection of size 15mm x 300mm with | | | | |
| , | C.P Brass nut | | | | |
|)) | PVC tube connection of size 15mm x 375mm with | 02 | No's | 160.00 | 320.00 |
| | C.P Brass nut | | | | |
| 43/30.85 | | 20 | Mta | 46.50 | 930.00 |
| | Cutting chase in brick walls in cement or in floor for | 20 | Mtr | 40.50 | 930.00 |
| c) | embedding G.I or C.I pipes line and making good the same | | | | |
| | to its original condition | | | | |
| 11/20.06 | Size 75mm x 50mm | 01 | | 162.00 | 462.00 |
| 14/30.96 | Providing & Fixing in position automatic brass Ball Cock | 01 | No's | 462.00 | 462.00 |
| B | in tanks | | | | |
| ii) | Brass Ball Cock with rod and Plastic Ball | | | | |
| 15/20.07 | 20mm i/d | 1.0000 | x • | 11.00 | 22000.00 |
| 45/30.97 | Providing & fixing in position on terrace (at all floor | 1x2000 | Litre | 11.00 | 22000.00 |
| A) | levels) HDPE water storage tanks of approved make (to the | = 2000 | | | |
| | approval of the Engineer-in-charge) with cover with | | | | |
| | suitable locking arrangement and making necessary holes | | | | |
| | for inlet, outlet and over flo pipes but without fittings and | | | | |
| | hast support for tonly | | | | |
| | best support for tank. | | | | |
| | Triple Layer Tanks | | | | |
| | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of | 01 | No's | 111.50 | 111.50 |
| i) 46/30.98 | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in | 01 | No's | 111.50 | 111.50 |
| | Triple Layer TanksProviding and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect | 01 | No's | 111.50 | 111.50 |
| 46/30.98 | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in | 01 | No's | 111.50 | 111.50 |
| 46/30.98 5) | Triple Layer TanksProviding and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d | 01 | No's Cum | 111.50 | 111.50 |
| | Triple Layer TanksProviding and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/dExcavation manually in trenches with straight or open | | | | |
| 46/30.98) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width | | | | |
| 46/30.98 () | Triple Layer TanksProviding and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/dExcavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths | | | | |
| 46/30.98)) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to | | | | |
| 46/30.98 () | Triple Layer TanksProviding and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/dExcavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for | | | | |
| 46/30.98)) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. | | | | |
| 46/30.98)) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas | | | | |
| 46/30.98)) | Triple Layer TanksProviding and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/dExcavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning | | | | |
| 46/30.98)) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, | | | | |
| 46/30.98)) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, refilling trenches, watering, dressing and restoration of | | | | |
| 46/30.98)) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, refilling trenches, watering, dressing and restoration of surface to original level and removal of Surplus Spoils | | | | |
| 46/30.98 () | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, refilling trenches, watering, dressing and restoration of surface to original level and removal of Surplus Spoils from the Site of Works upto 15 meter, for all works other | | | | |
| 46/30.98 5) 47/29.4 | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, refilling trenches, watering, dressing and restoration of surface to original level and removal of Surplus Spoils from the Site of Works upto 15 meter, for all works other than connections to complete in all respects | | | | |
| 46/30.98 5) 47/29.4 4) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, refilling trenches, watering, dressing and restoration of surface to original level and removal of Surplus Spoils from the Site of Works upto 15 meter, for all works other than connections to complete in all respects For depth not exceeding 3 metres below ground level | | | | |
| 46/30.98) | Triple Layer Tanks Providing and Fixing in position G.I. Tank Nipple of approved make (to the approval of Engineer-in-charge) in PVC Water Storage tanks complete in all respect G.I tank nipple 20mm i/d Excavation manually in trenches with straight or open cutting in a built up streets/ lanes having wall to wall width upto 3 meter for Sewers and Manholes to Full Depths as Shown in Drawings, Including Shoring, dressing to correct sections and dewatering of rain water, provision for diversion for traffic, protection of exiting services i.e. telephone cables , electric lines, water supply lines and Gas lines etc. night signals, profiles, Pegs, Sight rails, boning rods, fixing and maintenance of caution boards, fencing, refilling trenches, watering, dressing and restoration of surface to original level and removal of Surplus Spoils from the Site of Works upto 15 meter, for all works other than connections to complete in all respects | | | | |

| | class Sp-1 into Trenches for all depths and Laying out the same to correct alignment, Gradients, levels etc., cutting of | | | | |
|----------|---|-----|------|----------|----------|
| | concrete beds and joints holes, supporting the pipes and specials, in correct position in a suitable rigid manner while | | | | |
| | the same are being jointed and until the surrounding benching, haunching and envelopes are completed | | | | |
| | including jointing of pipes and specials in trenches, using | | | | |
| | cement sand mortar 1:1 and best spun Jute yarn as per IS: | | | | |
| | 1887, finishing and trowelling of each joint at an angle of | | | | |
| | 45degree with the longitudinal axes of pipe, watering, keeping the joint covered and wetted till the same are | | | | |
| | cured, testing the sewerage line for leakage and making all | | | | |
| | leakages and defects good as laid in the contract | | | | |
| | specification, chipping and finishing the cut surface to | | | | |
| | uniform finish to the entire satisfaction of engineer- | | | | |
| b) | incharge including all cartage etc. complete in all respects 150mm i/d pipe | | | | |
| 49/29.89 | Construction of brick masonry inspection chambers size as | 01 | No's | 4106.90 | 4106.90 |
| | given below upto 0.60 mtr average depth in 1:5 cement | | | | |
| | sand mortar, lime concrete with 40 per cent lime mortar 2:3 | | | | |
| | in foundation, cement concrete 1:2:4 benching 12.50mm thick cement plaster 1:2 with a floating coat of 1mm thick | | | | |
| | of neat cement, R.C.C. 1:2:4 slabs 100mm thick cement | | | | |
| | concrete topping 50mm thick with 455mm x 455mm, | | | | |
| | 455mm x 610m inside light duty C.I. inspection chamber | | | | |
| | cover and frame (Weight as per I.S.I specifications) painted | | | | |
| | with 3 coats of black bitumastic paint conforming to I.S.I complete as per standard design. | | | | |
| b) | 450mm x 600mm inside with 455mm x 610mm cover and | | | | |
| | frame medium duty double seal | | | | |
| 50/30.74 | Providing and fixing in position H.C.I. soil waste vent or | 3 | Mtr | 1047.00 | 3141.00 |
| i) | antisyphonage pipes to I.S.I. specification (IS:1729) of | | | | |
| b) | approved make (to the approval of the Engineer-in-charge) including cutting, jointing wastage, but excluding cost of | | | | |
| | lead jointing. | | | | |
| | 100mm i/d H.C.I. pipe lines laid complete | | | | |
| 51/30.76 | Providing & Fixing in Position gratings of approved make | 04 | No's | 76.00 | 304.00 |
| | (to the approval of Engineer-in-charge) size 150mm x 150mm for gully trap | | | | |
| b) | PVC grating | | | | |
| 52/30.79 | Providing and fixing H.C.I. Floor traps conforming to I.S.I. | 04 | No's | 902.00 | 3608.00 |
| a) | Specification (IS:1729) of approved make (to the approval | | | | |
| | of the Engineer-in-charge) of the self cleaning design with | | | | |
| | C.P. brass hinged grating with frame with or without vent arm and including cement concrete 1:2:4 under and around | | | | |
| | the floor trap where required upto floor level complete in | | | | |
| | all respects including cutting and making good the walls | | | | |
| | and floors, etc. minimum depth of water should be 150mm | | | | |
| | with a minimum seal 50mm. With 75mm i/d outlet deep seal | | | | |
| 53/30.47 | Providing and fixing in position stainless steel sinks of | 01 | No | 16877.50 | 16877.50 |
| 55,50.11 | approved make (to the approval of Engineer-in-Charge) | | 110 | 10077.00 | 10077.00 |
| | 1mm thick, grade-304 (18/8) with waste coupling complete | | | | |
| -) | in all respect | | | | |
| e) | Double bowl sink overall size 1300mm x 500mm. Bowl size 550mm x 400mm x 230mm | | | | |
| 54/18.19 | Cold twisted deformed (Ribbed/ Tor Steel Bar) Bars (Fe | 1.2 | Qtl | 4587.00 | 5504.40 |
| JT/10.17 | | | | | |

| | not including in the complete rate of RCC including | | | | |
|---------------------|--|--------|------|---------|-----------|
| | bending and placing in position complete | | | | |
| 55/18.20 | Supplying and fixing open able steel windows of standards rolled steel sections, joints mitred and electrically flash welded with iron fittings, necessary iron handles, peg stay, catchers bolts, iron lugs and pressed steel projected hinges and glazing clips and labour for fixing during masonry complete (excluding glazing) and finished with two coats of ready mixed paint, red lead nonsetting primer | 210 | Kg | 90.95 | 19099.50 |
| b) | Above One sqm Area | | | | |
| 56/18.31 | Providing & Fixing of 10 guage welded mesh of 25mm x | 2.78 | Sqm | 611.35 | 1699.55 |
| 20,10121 | 25mm size fixed on steel glazing with M S flat 20mm x 6mm beeding complete in all respect including painting two coats with Synthetic Enamel Paint and Priming coat. | 2.70 | 5 qm | 011100 | 1077100 |
| 57/ NS | Providing & Fixing M.S Tubular Railing made of | 1450 | Kg | 88.00 | 127600.00 |
| | Square pipe of different sizes connected duly welded and hoisting in position complete in all respect | | 6 | | |
| 58/NS | Providing & Fixing Multi Wall polycarbonate Sheet roofing 6mm thick (DUROTUFF) on iron frame grid with aluminium profile top and flat on joints in all shades complete in all respects | 1760 | Sft | 86.00 | 151360.00 |
| 59/14.119 | Providing and fixing 60mm thick cement concrete interlocking paver block of M-35 grade machine made with rubber moulded smooth finish by strong vibratory process or with vibro-hydraulic compaction machine and of approved size and design/shape laid in dark grey colour and pattern over and including 40mm thick thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Light Traffic Areas such as Pedestrian plazas, shopping complexes, ramps, car parks, office driveways, housing colonies, office complexes, rural roads with low volume traffic, farm houses, beach sites, tourist resorts, local authority footways, residential roads, etc. | 148.64 | Sqm | 652.12 | 96931.11 |
| | Sub Total (A) | | | | 1075457.5 |
| Electrical P | Part | | | | |
| 60/ 33.04 | SURFACE CONDUIT PIPE WIRING SYSTEM WITH MODULAR SWITCHES: Wiring in PVC insulated copper conductor single core FR cable (ISI marked), 1100volts grade to be laid in heavy gauge welded conduit pipe 20 mm/25 mm dia (1.6mm thick) ISI Marked installed on surface etc., complete with PVC boxes (on surface) required for suitable number of modules, for having electronic fan regulators (two module), bell push, electronic buzzer, 3pin 6Amp., 3pin 16/20 Amp. Sockets and 6 Amp./16/20Amp. Swithces etc., and covered with Frame Plate etc., & including the cost of required number of modular switches/sockets, step type electronic fan regulator 100 watts, PVC connector (For Fan Box and Electronic Buzzer), PVC Bush, Steel Hooks, Circular Inspection Box (Surface Type) conduit pipe & copper wire and other petty material etc. including the cost of painting as required:- make SSK(NV), Legrand(Myrius), North- West (Newp) | | | | |
| (i) | West (Nowa)) Wiring fan point without fan box in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm,1100volts grade with step type electronic fan regulator | 09 | Each | 1094.68 | 9852.12 |

| | 100watts (two module). | | | | |
|--------------|---|-----|-------|---------|----------|
| (ii) | Wiring light point in PVC insulated copper conductor | 29 | Each | 720.86 | 20904.94 |
| | single core FR cable (ISI marked) overall 1.5 sq. mm, | | | | |
| | 1100volts grade. | | | | |
| (vi) | Wiring 3 pin 16/20 amp. power plug control (shuttered) | 13 | Each | 389.48 | 5063.24 |
| | and switch. | | | | |
| 61/33.09 | PVC INSULATED SINGLE CORE FR COPPER | | | | |
| | CONDUCTOR CABLE: | | | | |
| | Supply and erection of PVC insulated single core FR | | | | |
| | copper conductor cable ISI marked left bare in pipe or | | | | |
| | casing of suitable size excluding the cost of supply and | | | | |
| | erection of pipe or casing. Make RR Kable, Polycab, | | | | |
| | Havell's | | | | |
| (ii) | PVC insulated copper conductor single core FR cable (ISI | 260 | Mtr | 15.11 | 3928.60 |
| | marked) overall 1.5 sq.mm, 1100volts grade. | | | | |
| (iv) | PVC insulated copper conductor single core FR cable (ISI | 260 | Mtr | 29.97 | 7792.20 |
| | marked) overall 4 sq.mm, 1100volts grade. | | | | |
| 62/33.10 | XLPE/ PVC INSULATED ARMOURED CABLES | | | | |
| В | (LOOSE): | | | | |
| | Supply & laying of aluminium conductor XLPE/ P.V.C. | | | | |
| | insulated armoured and served cable to be laid loose in the | | | | |
| | existing trench or pipe as per PWD General Specifications | | | | |
| | (Electrical Works):- Make Polycab, Havell's, RR | | | | |
| | Kable,L&T | | | | |
| (xxxv) | Aluminium conductor XLPE/ PVC insulated PVC sheathed | 90 | Mtr | 154.05 | 13864.50 |
| | armoured and served cable working voltage 1100volts | | | | |
| | grade 16sq.mm (4 Core). | | | | |
| 63/ 33.12 | PVC, HDPE PIPES & PVC FLEXIBLE PIPES: | | | | |
| | Supply & erection of PVC pipes & HDPE pipes (fire | | | | |
| | retardant) for wiring purposes including bends, inspection | | | | |
| | boxes etc., where necessary including other petty material | | | | |
| | as per PWD General Specifications (Electrical Works):- | | | | |
| | Make Poly India, Diplast, Ravindra. | | | | |
| (ii) | Heavy gauge PVC conduit pipe 25mm dia. (ISI marked) On Surface | 260 | Mtr | 37.02 | 9625.20 |
| 64/ 33.13 | GALVANIZED IRON PIPES AND G.I. EARTHING: | | | | |
| 04/ 55.15 | Supply & erection of G.I. pipe for wiring purposes | | | | |
| | including bends, inspection boxes etc., where necessary | | | | |
| | including painting as per PWD General Specifications | | | | |
| | (Electrical Works):- | | | | |
| (vii) | G.I. EARTHING: | 02 | Each | 3887.80 | 7775.60 |
| (vii) (b) | Earthing of Sheet metal/ iron clad Switches and metallic | 02 | Lacii | 3007.00 | 7775.00 |
| (0) | cases etc., with No. 7/14 S.W.G. (7/2.18mm dia.) G.I. wire | | | | |
| | in 20mm dia G.I. pipe partly recessed and partly on surface | | | | |
| | complete with 135cm long 50mm dia. G.I. earth pipe with | | | | |
| | G.I. reducing socket (50mm x 20mm) including erection of | | | | |
| | the same, 10 metre below ground level with necessary | | | | |
| | charcoal & salt mixture etc., up to 13 metre in length | | | | |
| | (including boring & refilling). | | | | |
| 65/ 33.16 | MINIATURE CIRCUIT BREAKERS/ RCBO's/ RCCB's: | | 1 | | <u> </u> |
| 00/ 00.10 | Supply and erection of Miniature Circuit Breakers/ | | | | |
| | | | | | |
| | I RUBUS/ RUUB'S in the existing MUB distribution board as | | | | |
| | RCBO's/ RCCB's in the existing MCB distribution board as per PWD General Specifications (Electrical Works) | | | | |
| | per PWD General Specifications (Electrical Works) | | | | |
| | | | | | |

| (ii) | Miniature circuit breaker single pole 6 to 32amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts | 19 | Each | 173.26 | 3291.94 |
|----------|--|----|------|----------|------------|
| (xvi) | 50cycles AC supply.Miniature circuit breaker four pole 50, 63amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply. | 01 | Each | 1624.33 | 1624.33 |
| 66/33.17 | SHEET METAL DOUBLE DOOR DISTRIBUTION BOARD FOR MCB/ RCBO/ RCCB's: Supply and erection of sheet metal double door distribution boards of suitable size and of required no. of ways for mounting miniature circuit breakers/ RCBO's/ RCCB's in the existing MCB distribution board as per PWD General Specifications (Electrical Works) including connections with suitable size of thimbles and bonding to existing earth etc. GROUP-A: (Siemens (Beta Guard/Minigard), Legrand (Ekinoxe) & Schneider (Neo Break), L&T (EXORA), Hager | | | | |
| (vii) | Sheet metal double door T.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating FP/ TPN MCB's/ isolators for incoming and DP/ SP & N/ Single Pole MCB's/ RCBO/ RCCB's for outgoing 8 way each | 01 | Each | 3667.90 | 3667.90 |
| 67/33.37 | DOUBLE WALLED CORRUGATED (DWC) HDPE PIPES: | | | | |
| | Supply and erection of double walled corrugated (DWC) HDPE pipe to be laid 1mtr. below ground level including excavation (making necessary trench), placing the pipe in position and back filling with excavated soil etc. of the required size. | | | | |
| ii) | Double walled corrugated (DWC) HDPE pipe 63/ 51mm (outer/ inner dia.) Make GEMNI, REX (Orange) | 80 | Mtr | 104.04 | 8323.20 |
| 68/ NS | Supply and Erection of ventilation Fan 300mm with Double Ball Bearing and Required Louver Make - Crompton, Havell's, Orient. | 08 | Each | 1790.00 | 14320.00 |
| 69/ NS | Supply and Erection of Ceiling Fan 900mm with Double Ball Bearing, Aluminium Blades. Make- Crompton, Havell's,Orient. | 09 | Each | 1485.00 | 13365.00 |
| 70/ NS | Supply and Erection of LED Pannel Light 15 watts Square Make- Philips,Siska, Havell's. | 21 | Each | 840.00 | 17640.00 |
| 71/ NS | Supply and Erection of Air Curtain 4feet Long, Make- Pioneer, AVRO, Crompton. | 01 | Each | 14300.00 | 14300.00 |
| 72/ NS | Supply, Installation, testing & Commissioning of 1.0TR Highwall Split Air conditioner of minimum 5 Star Rating with refrigerant copper tubing 5 M covered with vidoflex insulation along with connecting cable 5M (in between indoor & outdoor unit) including installation of 20mm HDPE PVC drain pipe of 3 Metre length With Stabilizer Copper 4.00kva, Stand for OD Unit, Complete in all respects. Make -Carrier, Hitachi, Voltas, Blue Star as per quotation attached. | 04 | Each | 36800.00 | 147200.00 |
| | Sub Total (B) | | I | | 302538.77 |
| | Grand Total (A + B) | | | | 1377996.27 |

Note:- Quantity may vary at the time of execution of work.

Say Rs. <u>1377996/-</u>

(Thirteen Lac Seventy Seven Thousand Nine Hundred and Ninety Six Only)