

PACKAGE-8
(EXTENSION OF BACHELOR HOSTEL)

[illegible]

BILL OF QUANTITIES

| S.NO. | DESCRIPTION | QTY | UNIT | RATE (Pak Rs.) | AMOUNT (Pak Rs.) |
|----------------------------------|--|-----|------|-------------------|---------------------|
| 6 | <u>WIRING FOR LIGHTS, FANS & SOCKETS</u> | | | | |
| a) | Supply, laying, tagging, testing and commissioning of Circuit wiring from DB to Switchboard including wiring between switch on the same circuit with 2x2.5 sq.mm + 1x2.5 sq.mm as ECC single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect. | 16 | No. | | |
| b) | Supply, laying, tagging, testing and commissioning of Point wiring from Switch Board to Light/fan/bell Point with 3x1.5 sq.mm. single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect. | 208 | No. | | |
| c) | Supply, laying, tagging, testing and commissioning of Point wiring from Light point to Light point with 3x1.5 sq.mm. single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect. | 88 | No. | | |
| d) | Supply, laying, tagging, testing and commissioning of wiring for 13A Switch Socket outlet with 2x2.5 sq.mm + 1x2.5 sq.mm as ECC single core copper conductor PVC insulated wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling, under floor etc., including with all conduit accessories, as per drawing and specification, complete in all respect. | | | | |
| i | DB to Socket outlet | 16 | No. | | |
| ii | Socket outlet to Socket outlet | 96 | No. | | |
| e) | Supply, laying, tagging, testing and commissioning of wiring for 20A DP Switch (for Split AC) with 2x6 sq.mm + 1x6 sq.mm as ECC single core copper conductor PVC insulated wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling, under ground etc., including with all conduit accessories, as per drawing and specification, complete in all respect. | | | | |
| i | DB to 20A DP Switch | 16 | No. | | |
| Amount Carried to Summary | | | | | |

BILL OF QUANTITIES

| S.NO. | DESCRIPTION | QTY | UNIT | RATE (Pak Rs.) | AMOUNT (Pak Rs.) |
|----------------------------------|---|-----|------|-------------------|---------------------|
| 7 | <u>EARTHING SYSTEM</u> Supply, installation, testing and commissioning of following items for complete earthing system including all connecting accessories as per drawings, specifications and as mentioned in General Notes, complete in all respects. | | | | |
| a) | Supply, installation, testing and commissioning of following items for complete Earthing system, including Bentonite chemical, other all required materials and connecting accessories, boring, labor, tools, transportation etc., as per drawings and specifications, complete in all respects with detailed test reports. | | | | |
| i | Earth pit with Rod type earth electrode, 3/4" dia and 9 Ft. long copper bonded rod. | 2 | No. | | |
| b) | Supply, installation, testing and commissioning of following size of PVC insulated Cu. Conductor cable as earth continuity conductor (ECC) installed on surface / in appropriate already installed raceway / in already excavated trench / in already laid pipe, as per specifications and drawings, complete in all respect. | | | | |
| i | 1C, 16 Sq.mm Cu/PVC | 40 | Rm. | | |
| <i>Amount Carried to Summary</i> | | | | | |

BILL OF QUANTITIES

| S.NO. | DESCRIPTION | QTY | UNIT | RATE (Pak Rs.) | AMOUNT (Pak Rs.) |
|-------|---|-----|------|-------------------|---------------------|
| 8 | <u>VOICE COMMUNICATION SYSTEMS (Passive Equipment Only)</u> Supply, installation, testing and commissioning of following items for Voice Communication System, described below including all accessories, complete with mounting brackets, installation accessories, wiring etc. as per drawings and specifications, complete in all respect. | | | | |
| a) | Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Voice with shutter type and 16 SWG back box including tagging, as per drawing and specification, complete in all respect. | 16 | No. | | |
| b) | Supply, laying, termination, testing and commissioning of CAT 6 - 4 pair cable for Single RJ-45 outlet (for Voice) in 25mm dia PVC conduit concealed / surface from each outlet to TJB, including tagging and piping with all necessary accessories, complete in all respect. | 240 | Rm. | | |
| c) | Supply, installation, testing and commissioning of CAT-6 UTP (RJ-45 to RJ-45) for the above Patch Panels including with all necessary accessories, as per drawing and specification, complete in all respect. | | | | |
| i | CAT-6 (2m) Long Patch Cord | 16 | No. | | |
| d) | Supply, installation, testing and commissioning of following 19" Tag blocks in Telephone Junction Box (TJB), as per drawing and specification, complete in all respect. | | | | |
| i | TJB-BL1 & BL2 with 1x10 Pair IDC Block 19" type | 2 | No. | | |
| e) | Installation, testing and commissioning by Manufacturer Authorized Agent / Dealer and handing over complete Voice & Data System to Owner with Providing Training voice data fuke & OTDR Testing, as build drawing, Rack layouts and certification's Principal, complete equipment's Manual and Warranty Documents to Owners representative. | 1 | Job. | | |
| | <i>Amount Carried to Summary</i> | | | | |

