

PROCUREMENT PLAN FOR THE YEAR 2019-20  
DEPARTMENT : INSTITUTE OF BUSINESS ADMINISTRATION, KARACHI

| S. No. | Description of Procurement                            | Quantity<br>(where<br>applicable) | Estimated<br>unit cost<br>(where<br>applicable) | Estimated<br>Total Cost (in<br>Million Rs.) | Funds<br>allocated (in<br>Million Rs.) | Source of<br>funds<br>(ADP/Non<br>ADP) | Proposed Procurement Method | Timing of<br>Procurement |    |    |    | Timings of<br>Procurement |    |    |    |
|--------|-------------------------------------------------------|-----------------------------------|-------------------------------------------------|---------------------------------------------|----------------------------------------|----------------------------------------|-----------------------------|--------------------------|----|----|----|---------------------------|----|----|----|
|        |                                                       |                                   |                                                 |                                             |                                        |                                        |                             | Q1                       | Q2 | Q3 | Q4 | Q1                        | Q2 | Q3 | Q4 |
| 1      | Convocation Catering & Decoration Services for Dinner | NA                                | NA                                              | 2.20                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 2      | Convocation Decoration Services                       | NA                                | NA                                              | 3.00                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 3      | Hiring of Transport Services                          | NA                                | NA                                              | 1.50                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 4      | Provide & Supply of Luminaries & Accessories          | NA                                | NA                                              | 1.70                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 5      | Provide & Supply of RFID Cards                        | NA                                | NA                                              | 2.10                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 6      | Supply of Floor Standing ACs with Installation        | NA                                | NA                                              | 3.00                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    |    | ✓  | ✓                         |    |    |    |
| 7      | Supply of Split & Floor Standing ACs                  | NA                                | NA                                              | 1.90                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    |                           | ✓  |    |    |
| 8      | Printing of Annual Report                             | NA                                | NA                                              | 0.70                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           |    | ✓  |    |
| 9      | Supply of Split & Floor Standing ACs                  | NA                                | NA                                              | 2.20                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    |                           | ✓  |    |    |
| 10     | Printing of Newsletters                               | NA                                | NA                                              | 0.40                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    |                           | ✓  |    |    |
| 11     | Provide & Supply of Uniforms                          | NA                                | NA                                              | 1.40                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 12     | Provide & Supply of Furniture Items                   | NA                                | NA                                              | 2.80                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           | ✓  |    |    |
| 13     | Painting Works                                        | NA                                | NA                                              | 1.40                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           | ✓  |    |    |
| 14     | SLA for Desktops & Printers                           | NA                                | NA                                              | 9.85                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 15     | Printing & Supply of Stationary Items                 | NA                                | NA                                              | 2.70                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           |    | ✓  |    |
| 16     | Provide & Supply of Sports Goods                      | NA                                | NA                                              | 3.00                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           |    | ✓  |    |
| 17     | Construction of Boundary Wall for Girls Hostel        | NA                                | NA                                              | 2.00                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           |    | ✓  |    |
| 18     | Provision of RFID Machine                             | NA                                | NA                                              | 0.40                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           |    | ✓  |    |
| 19     | Provision of Amplifier                                | NA                                | NA                                              | 1.10                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           |    | ✓  |    |
| 20     | Construction of Sewerage Line at Staff Town           | NA                                | NA                                              | 4.20                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           |    | ✓  |    |
| 21     | Staff Town Repair & Maintenance                       | NA                                | NA                                              | 5.40                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           |    | ✓  |    |
| 22     | Repair of Rock Wall Work                              | NA                                | NA                                              | 4.40                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    |                           | ✓  |    |    |
| 23     | Provide & Supply of Sports Ground Flood Lights        | NA                                | NA                                              | 5.50                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 24     | Provide & Supply of Book Shelves & Side Panels        | NA                                | NA                                              | 0.40                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 25     | Provide & Supply of File Cabinets                     | NA                                | NA                                              | 0.83                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 26     | Provide & Supply of Computer Chairs                   | NA                                | NA                                              | 1.20                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 27     | Provide & Supply of Revolving Chairs                  | NA                                | NA                                              | 0.70                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 28     | Revolving Chairs                                      | NA                                | NA                                              | 0.72                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 29     | Provide & Supply of Low Back Revolving Chairs         | NA                                | NA                                              | 0.45                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 30     | Provision of Amplifier & Electric Cooler              | NA                                | NA                                              | 1.50                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 31     | Provision of Split ACs                                | NA                                | NA                                              | 3.20                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 32     | Provide Supply & Fixing of Wooden & Aluminium Works   | NA                                | NA                                              | 0.50                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    | ✓                         |    |    |    |
| 33     | Provide & Supply of Electric Floor Washing Machine    | NA                                | NA                                              | 0.50                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           | ✓  |    |    |
| 34     | Provide & Supply of Semi Automatic Gun                | NA                                | NA                                              | 0.45                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           | ✓  |    |    |
| 35     | Provision of Split ACs                                | NA                                | NA                                              | 3.20                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           | ✓  |    |    |
| 36     | Provide & Supply of Sound System                      | NA                                | NA                                              | 2.00                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    |                           | ✓  |    |    |
| 37     | Provide & Supply of Water Cooler                      | NA                                | NA                                              | 0.50                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 38     | Painting Works at NGH                                 | NA                                | NA                                              | 1.00                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 39     | Provide & Supply of Sports Equipment                  | NA                                | NA                                              | 2.10                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 40     | Provide & Supply of Gym Equipment                     | NA                                | NA                                              | 0.94                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    | ✓                         |    |    |    |
| 41     | SLA for CISCO Network                                 | NA                                | NA                                              | 11.90                                       | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    | ✓                         |    |    |    |
| 42     | Renewal of IBM Servers Contract                       | NA                                | NA                                              | 3.50                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          |    | ✓  |    | ✓                         |    |    |    |
| 43     | RadioLink Connectivity SLA                            | NA                                | NA                                              | 1.20                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 44     | SLA ICT                                               | NA                                | NA                                              | 14.00                                       | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 45     | Providing SMS Service                                 | NA                                | NA                                              | 0.70                                        | NA                                     | NA                                     | Single Stage One Envelop    |                          | ✓  |    |    | ✓                         |    |    |    |
| 46     | Repair & Maintenance of Video Conferencing            | NA                                | NA                                              | 1.50                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 47     | Provide & Supply of Surveillance Equipment            | NA                                | NA                                              | 4.00                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |
| 48     | Provide & Supply of Network Equipment                 | NA                                | NA                                              | 0.80                                        | NA                                     | NA                                     | Single Stage One Envelop    | ✓                        |    |    |    | ✓                         |    |    |    |

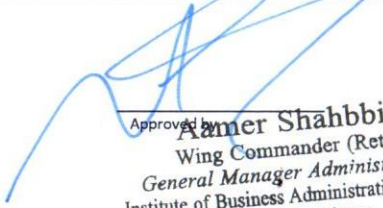


| S. No. | Description of Procurement                              | Quantity<br>(where applicable) | Estimated unit cost<br>(where applicable) | Estimated Total Cost (in Million Rs.) | Funds allocated (in Million Rs.) | Source of funds (ADP/Non ADP) | Proposed Procurement Method  | Timing of Procurement |    |    |    | Timings of Procurement |    |    |    |
|--------|---------------------------------------------------------|--------------------------------|-------------------------------------------|---------------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------|----|----|----|------------------------|----|----|----|
|        |                                                         |                                |                                           |                                       |                                  |                               |                              | Q1                    | Q2 | Q3 | Q4 | Q1                     | Q2 | Q3 | Q4 |
| 49     | Supply of Miscellaneous Network Switch and Installation | NA                             | NA                                        | 5.00                                  | NA                               | NA                            | Single Stage One Envelope    |                       |    | ✓  |    |                        |    |    | ✓  |
| 50     | Supply of PC with GPU                                   | NA                             | NA                                        | 0.60                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    |                        |    |    | ✓  |
| 51     | SLA of UPS (30 KVA)                                     | NA                             | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    |                        |    |    | ✓  |
| 52     | SLA NVIVO 12 Pro Full License                           | NA                             | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    |                        |    |    | ✓  |
| 53     | Supply of Miscellaneous Software                        | NA                             | NA                                        | 0.75                                  | NA                               | NA                            | Single Stage One Envelope    |                       |    | ✓  |    |                        |    |    | ✓  |
| 54     | Supply of Miscellaneous Software Licenses               | NA                             | NA                                        | 1.50                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 55     | Provide Supply & Installation of Solar Panels           | NA                             | NA                                        | 42.50                                 | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 56     | Provide & Supply of Foam Mattress for Boys Hostel       | NA                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 57     | Provide & Supply of Trolleys                            | NA                             | NA                                        | 0.30                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 58     | Provide & Fixing of Curtain & Blinds                    | NA                             | NA                                        | 0.70                                  | NA                               | NA                            | Single Stage One Envelope    |                       |    | ✓  |    | ✓                      |    |    |    |
| 59     | Provide Supply & Maintenance of Lift                    | NA                             | NA                                        | 0.60                                  | NA                               | NA                            | Single Stage One Envelope    |                       |    | ✓  |    | ✓                      |    |    |    |
| 60     | Providing Furniture Items                               | NA                             | NA                                        | 0.52                                  | NA                               | NA                            | Single Stage One Envelope    |                       |    |    | ✓  | ✓                      |    |    |    |
| 61     | Provide & Supply of Kitchen Appliances                  | NA                             | NA                                        | 0.46                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 62     | Provide & Supply of Hardware Tools                      | NA                             | NA                                        | 0.62                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 63     | Supply of Hardware Tools                                | NA                             | NA                                        | 0.35                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 64     | Teaching & Research Hardware Tools                      | NA                             | NA                                        | 0.45                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 65     | Supply of Color Printing                                | NA                             | NA                                        | 0.40                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 66     | Computer Supplies & Accessories                         | NA                             | NA                                        | 0.86                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 67     | Provide Hosting Services                                | NA                             | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 68     | Providing of LMS Support (Koha)                         | NA                             | NA                                        | 1.15                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 69     | Providing Miscellaneous Passive Works                   | NA                             | NA                                        | 2.50                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 70     | Support Agreement of ERP & Sakai                        | NA                             | NA                                        | 3.50                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 71     | Providing Maintenance HP Computers & Printers           | NA                             | NA                                        | 7.70                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 72     | Provide & Fixing of Pergula (sun shade)                 | NA                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 73     | Revolving Chairs                                        | 50                             | 15,000                                    | 0.75                                  | NA                               | NA                            | Single Stage One Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 74     | Procurement of Core Switch                              | 1                              | NA                                        | 17.80                                 | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    |    | ✓                      |    |    |    |
| 75     | Procurement of IP Phones                                | 50                             | NA                                        | 1.50                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 76     | Procurement of Internet Router                          | 2                              | NA                                        | 2.40                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    |                        | ✓  |    |    |
| 77     | Procurement of IP Telephony Router                      | 2                              | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 78     | Procurement of Internet Firewall                        | 1                              | NA                                        | 4.80                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 79     | Centralized Printing Solution                           |                                | NA                                        | 3.00                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 80     | Procurement of Access Point                             | 3                              | NA                                        | 0.45                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 81     | Data Center Monitoring                                  | 1                              | NA                                        | 5.00                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    |                        |    |    | ✓  |
| 82     | Printers                                                |                                | NA                                        | 1.60                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 83     | Procurement of Unified Management Solution              | 1                              | NA                                        | 4.50                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    | ✓                      |    |    |    |
| 84     | Multimedia Projector                                    | 10                             | NA                                        | 1.20                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    | ✓  |                        |    |    |    |
| 85     | Procurement of Desktops                                 | 121                            | NA                                        | 12.00                                 | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    |                        | ✓  |    |    |
| 86     | Procurement of Laptops                                  | 70                             | NA                                        | 9.80                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    | ✓                      |    |    |    |
| 87     | PC with GPU                                             |                                | NA                                        | 1.50                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    | ✓                      |    |    |    |
| 88     | Digitization of Examination Records                     |                                | NA                                        | 4.00                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    | ✓                      |    |    |    |
| 89     | AD Infrastructure Upgrade                               |                                | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 90     | Procurement of UPS                                      | 2                              | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    | ✓  |                        |    |    |    |
| 91     | Peoplesoft Inventory & Budgeting Module                 |                                | NA                                        | 3.30                                  | NA                               | NA                            | Single Stage Two Envelope    | ✓                     |    |    |    | ✓                      |    |    |    |
| 92     | Peoplesoft CMS Additional License                       |                                | NA                                        | 4.70                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    |                        | ✓  |    |    |
| 93     | Procurement of Xerox Workcenter                         | 1                              | NA                                        | 1.80                                  | NA                               | NA                            | Single Stage Single Envelope | ✓                     |    |    |    |                        | ✓  |    |    |
| 94     | Tender for SLA of Datacenter                            | 1                              | NA                                        | 9.00                                  | NA                               | NA                            | Single Stage Single Envelope |                       | ✓  |    |    | ✓                      |    |    |    |
| 95     | Tender for SLA of Computers                             | 1                              | NA                                        | 9.50                                  | NA                               | NA                            | Single Stage Two Envelope    |                       | ✓  |    | ✓  |                        |    |    |    |
| 96     | Supply of Cleaning & Janitorial Items                   | NA                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage Single Envelope |                       | ✓  |    | ✓  |                        |    |    |    |
| 97     | Provide & Supply of Janitorial Items                    | NA                             | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    | ✓  |                        | ✓  |    |    |
| 98     | Provide & Supply of Paints                              | NA                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    | ✓  |                        | ✓  |    |    |
| 99     | Repair & Maintenance of Residential Facilities          | NA                             | NA                                        | 0.51                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    | ✓  |                        | ✓  |    |    |
| 100    | Painting Works                                          | NA                             | NA                                        | 1.50                                  | NA                               | NA                            | Single Stage One Envelope    |                       | ✓  |    | ✓  |                        | ✓  |    |    |



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|--------|-------------------------------------------------------|--------------------------------|-------------------------------------------|---------------------------------------|----------------------------------|-------------------------------|-----------------------------|-----------------------|----|----|----|------------------------|----|----|----|
|        |                                                       |                                |                                           |                                       |                                  |                               |                             | Q1                    | Q2 | Q3 | Q4 | Q1                     | Q2 | Q3 | Q4 |
| 101    | Air Conditioner                                       | 4                              | NA                                        | 0.72                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 102    | Air Conditioner Room 211 (CED building)               | 1                              | NA                                        | 0.08                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 103    | Air Conditioner ICT Offices - Data Center             | 6                              | NA                                        | 0.60                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 104    | Floor Standing AC Girls Hostel                        | 4                              | NA                                        | 0.46                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 105    | Floor Standing AC Faysal Academic Block - City Campus | 5                              | NA                                        | 1.25                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 106    | Floor Standing AC Various Class rooms                 | 12                             | NA                                        | 1.80                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 107    | Floor Standing AC Adamjee Bldg. - Break out Rooms     | 5                              | NA                                        | 0.75                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 108    | Air Conditioner Faysal Academic Block - City Campus   | 10                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 109    | Air Conditioner                                       | 10                             | NA                                        | 1.25                                  | NA                               | NA                            | Single Stage One Envelop    |                       |    | ✓  |    | ✓                      |    |    |    |
| 110    | Air Conditioner                                       | 8                              | NA                                        | 0.60                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 111    | Air Conditioner Facilities Management Technical       | 2                              | NA                                        | 0.15                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 112    | VRF Based AC Unit Facilities Management Technical     | 5                              | NA                                        | 1.00                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 113    | Amplifier JESS Auditorium - City Campus               | 2                              | NA                                        | 0.08                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 114    | Amplifier Class rooms - Adamjee Academic Center       | 15                             | NA                                        | 0.23                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 115    | Amplifier Replacement at Various locations            | 10                             | NA                                        | 1.25                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 116    | Sound System Main Campus                              | 6                              | NA                                        | 0.24                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 117    | Sound System G & T Auditorium                         | 6                              | NA                                        | 0.24                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 118    | Provision of Fans                                     | 337                            | NA                                        | 1.90                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 119    | Bracket Fan                                           | 50                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 120    | Ceiling Fan Girls Hostel                              | 12                             | NA                                        | 0.06                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 121    | Ceiling Fan Facilities Management Technical           | 50                             | NA                                        | 0.30                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 122    | False Ceiling Fan                                     | 15                             | NA                                        | 0.12                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 123    | False Ceiling Fan FCS Bldg. - City Campus             | 7                              | NA                                        | 0.06                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 124    | False Ceiling Fan                                     | 100                            | NA                                        | 0.83                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 125    | Pedestal Fan Chairperson Office                       | 2                              | NA                                        | 0.03                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 126    | Louver Fan QEC Deptt                                  | 2                              | NA                                        | 0.02                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 127    | Louver Fan Faculty Offices - CS - City Campus         | 1                              | NA                                        | 0.01                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 128    | Electric Meter Facilities Management Technical        | 8                              | NA                                        | 0.20                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    | ✓                      |    |    |    |
| 129    | Fountain Motor with Pumps Facilities Management       | 4                              | NA                                        | 0.02                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 130    | Monoblock Pump Admin - City Campus                    | 2                              | NA                                        | 0.10                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 131    | Submersible Pump Facilities Management Technical      | 2                              | NA                                        | 0.10                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 132    | Water Motor                                           | 5                              | NA                                        | 0.13                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 133    | Heavy Duty Motor with Pump                            | 1                              | NA                                        | 0.15                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 134    | Lift Examination Deptt                                | 1                              | NA                                        | 1.20                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 135    | Lift Maintenance                                      | 1                              | NA                                        | 0.60                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |
| 136    | Water Cooler Management Technical                     | 10                             | NA                                        | 0.50                                  | NA                               | NA                            | Single Stage One Envelop    | ✓                     |    |    |    |                        |    | ✓  |    |

  
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