## INFRASTRUCTURE DEVELOPMENT & MAINTENANCE WORKS AT DAANISH SCHOOL (BOYS & GIRLS) RAHIM YAR KHAN

### Package -1 (Boys Campus)

1. Providing & Fixing of Security Lights at Boundary Wall at Daanish School (Boys) Rahim Yar Khan
2. Provision of Mosaic Floor in Circular Area At Daanish School (Boys) Rahim Yar Khan
3. Provision for Shifting of 16x Electric Geysers on Top of Hostels Roof At Daanish School (Boys) Rahim Yar Khan

## DNIT/ B.O.Q

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| A) STANDARDIZED ITEMS | | | | | | | |
| 1 | Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:- (Security Lights) | | | | | | |
| i. | 20 mm i/d | 850 | P.Rft | 51.05 | 43393 | | |
| ii. | 32 mm i/d | 5125 | P.Rft | 86.45 | 443056 | | |
| 2 | Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- (Security Lights) | | | | | | |
| a | PVC insulated, PVC sheathed twin core, 250/440 volts. | | | | | | |
| i. | 3/0.74 mm (3/0.029") | 850 | P.Rft | 43.20 | 36720 | | |
| b | PVC insulated, PVC sheathed 4 core,660/1100 volt non armoured cable. | | | | | | |
| i. | 7/0.91 mm (7/0.036") | 5125 | P.Rft | 222.80 | 1141850 | | |
| 3 | Supply and erection of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp. (Security Lights) | 43 | Each | 2544.20 | 109401 | | |

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Punjab Daanish Schools & Centres of Excellence Authority
Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 4 | Supply and erection of iron/aluminum clad, 500 volts main switches with triple pole and neutral link and HRC fuses, on angle iron board with 3 mm (1/8") thick M.S. sheet covering, including bonding to earth with necessary flexible pipe and thimbles. 60/65 Amp<br>(Security Lights) | 6 | Each | 5183.30 | 31100 | | |
| 5 | Pacca brick work in foundation and plinth in Cement, sand mortar:-Ratio 1:4<br>(Mosaic Floor) | 144 | %Cft | 29441.50 | 42396 | | |
| 6 | Cement pointing struck joints on walls upto 20' heighy ratio 1:2.<br>(Mosaic Floor) | 128 | %Sft | 3516.15 | 4501 | | |
| 7 | Extra cost for labour and material for red oxide pigment in cement pointing to match the colour of brick.<br>(Mosaic Floor) | 128 | %Sft | 652.50 | 835 | | |
| 8 | Filling, watering and ramming earth under floors:- with with new earth excavated from outside, lead upto one chain (30 m).<br>(Mosaic Floor) | 1406 | %0Cft | 10959.65 | 15409 | | |
| 9 | Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.<br>(Mosaic Floor) | 939 | %Cft | 9284.40 | 87181 | | |
| 10 | 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marblepowder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick floor of 1:2:4 cement concrete,including rubbing and polishing complete with finishing :-<br>(Mosaic Floor) | | | | | | |

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| a | using grey cement | 2404 | %Sft | 19568.55 | 470428 | | |
| b | using white cement | 601 | %Sft | 21368.85 | 128427 | | |
| 11 | Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels the mosaic flooring into panels a)Size 1½" x 3/8" (40 x 10 mm). (Mosaic Floor) | 3452 | P.Rft | 19.80 | 68350 | | |
| | **Total-A (Rs)** | | | | **2623045** | | |
| **B) NON STANDARDIZED ITEMS** | | | | | | | |
| 1 | Supply and Erection of L.E.D Flood Light 70 Watt Phillips or equivalent approved Manufactured. (Security Lights) | 85 | Each | 14650.00 | 1245250 | | |
| 2 | Providng Polypropylene Random Copolymer (PPRC) Pipe Fitting & Specials. Made of (Dadex /Popular/ Beta / BBJ) or equivalent approved Manufactured. (Shifting of Geysers) | | | | | | |
| i. | Providing (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) or equivalent approved Manufactured PN-20 size ((1")32m i/dia | 222 | P.Mtr | 281 | 62382 | | |
| ii. | Socket 32mm i/dia. | 32 | Each | 25 | 800 | | |
| iii. | Reducing Socket (32-25)mm i/dia. | 32 | Each | 26 | 832 | | |
| iv. | Elbow 90 32mm i/dia. | 64 | Each | 28 | 1792 | | |
| v. | Elbow Female (32mm x 1/2") i/dia. | 48 | Each | 143 | 6864 | | |
| vi. | Elbow Female (32mm x 3/4") i/dia. | 32 | Each | 159 | 5088 | | |
| vii. | Equal Tee 32mm dia. | 32 | Each | 36 | 1152 | | |
| viii. | Gate Valve 32mm i/dia | 16 | Each | 1060 | 16960 | | |
| 3 | Providng Galvanised Iron (G.I) Pipe Fitting & Specials (Master, Asia, IIL) or equivalent approved Manufactured. (Shifting of Geysers) | | | | | | |

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| i. | Tee 3/4" i/dia. | 18 | Each | 134 | 2412 | | |
| ii. | Union 1" i/dia. | 32 | Each | 390 | 12480 | | |
| iii. | Barrel Nipple 1" i/dia. | 32 | Each | 145 | 4640 | | |
| iv. | Barrel Nipple 3/4" i/dia. | 96 | Each | 100 | 9600 | | |
| v. | Barrel Nipple 1/2" i/dia. | 32 | Each | 67 | 2144 | | |
| vi. | Handle/ Ball Valve (Brass) 3/4" i/dia. | 16 | Each | 1000 | 16000 | | |
| vii. | Safety Valve (Brass) 3/4" i/dia. | 16 | Each | 950 | 15200 | | |
| viii. | Pipe Hook (3'). | 72 | Each | 16 | 1152 | | |
| ix. | Bush Reducer (1"x3/4") i/dia. | 32 | Each | 120 | 3840 | | |
| x. | Elbow (1"x3/4") i/dia. | 32 | Each | 224 | 7168 | | |
| xi. | Non return Valve (Brass) 3/4" i/dia | 16 | Each | 780 | 12480 | | |
| 4 | Providing Theard (Dhaaga Reel) winding. (Good Quality). (Shifting of Geysers) | 48 | Each | 11 | 528 | | |
| 5 | Providing Teflon Tape. (Good Quality). (Shifting of Geysers) | 48 | Each | 28 | 1344 | | |
| 6 | Providing PVC pipe 1" (25 mm) dia (conduit). (Shifting of Geysers) | 496 | P.Mtr | 96 | 47616 | | |
| 7 | Providing PVC insulated, PVC sheathed twin core copper conductor cable 7/0.036" 250/440 volts. (Shifting of Geysers) | 496 | P.Mtr | 292 | 144832 | | |
| 8 | Providing Circuit Brakers (HITACHI or equivalent approved Manufactured). (Shifting of Geysers) | | | | | | |
| i. | Providing Double pole (LEGRAND or equivalent approved manufactured) MCB 2 POLE 20A, 6KA. | 16 | Each | 3300 | 52800 | | |

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| ii. | Providing Tripple Pole (HITACHI or Equivalent Approved Manufactured) MCCB TP 125A 15KA. | 2 | Each | 15120 | 30240 | | |
| 9 | Providing M.S Sheet Distribution Board size (12"x8"). (Shifting of Geysers) | 2 | Each | 2460 | 4920 | | |
| 10 | Providing PVC Electrical Box, Size: (6" X 3"). (Shifting of Geysers) | 16 | Each | 134 | 2144 | | |
| | **Total-B** | | | | **1712660** | | |
| | **G. Total (A+B)** | | | | **4335705** | | |
| | **Add 5% PRA** | | | | **216785** | | |
| | **Net Total** | | | | **4552490** | | |
| | **Say** | | | | **4.552 (M)** | | |

**Note** (i) B.O.Q is based on rates for 2nd Bi-annual 2022 i.e. from July 1st, 2022 to Dec 31st, 2022 (District Rahim Yar Khan)

(ii) In case of any ambiguity regarding rate, MRS/ Input rates of Finance Department displayed on web-site for 2nd Bi-annual 2022 i.e. from (July 1st, 2022 to December 31st, 2022) District Rahim Yar Khan shall be followed.

Approved for Rs 4.552 (M)

**Sub Engineer (Civil)**
Daanish Schools
Rahim Yar Khan

**Principal**
Daanish School (Boys)
Rahim Yar Khan

Quantity Surveyor
Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore.

Consultant
Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore.

Deputy Director
Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore.

## INFRASTRUCTURE DEVELOPMENT & MAINTENANCE WORKS AT DAANISH SCHOOL (BOYS & GIRLS) RAHIM YAR KHAN

### Package -2 (Boys Campus)

1. Annual Repair & Maintenance of Buildings at Daanish School (Boys), Rahim Yar Khan
2. Special Repair of Academic Block & Guest House Roof At Daanish School (Boys) Rahim Yar Khan

## DNIT/ B.O.Q

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| A) STANDARDIZED ITEMS | | | | | | | |
| 1 | Scraping ordinary distemper, oil bound distemper, or paint of wall.<br>(Annual Repair)<br>Admin Block Qty = 2150 Sft<br>Academic Block = 5710 Sft | 7860 | %Sft | 761.90 | 59885 | | |
| 2 | Distempering old surface two coats.<br>(Annual Repair)<br>Admin Block = 2150 Sft<br>Academic Block = 5710 | 7860 | %Sft | 705.15 | 55425 | | |
| 3 | Distempering old surface one coat.<br>(Annual Repair)<br>Admin Block = 2150 Sft<br>Academic Block = 4291 Sft | 7860 | %Sft | 561.30 | 44118 | | |
| 4 | Painting doors and windows, any type (Single coat only) on old surface.<br>(Annual Repair)<br>Admin Block = 923 Sft<br>Academic Block 8479 Sft | 9402 | %Sft | 947.65 | 89098 | | |

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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 5 | Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect on old surface.<br>(Annual Repair)<br>Admin Block = 347 Sft<br>Academic Block = 4884 Sft | 5231 | %Sft | 1925.45 | 100720 | | |
| 6 | French Polishing complete on old work.<br>(Annual Repair)<br>Admin Block = 153.50 Sft<br>Academic Block = 153.50 Sft | 307 | %Sft | 2688.00 | 8252 | | |
| 7 | Painting old surfaces Painting sashes, fanlights, glazed or gauzed doors and windows:-first coat<br>(Annual Repair)<br>Admin Block = 32 Sft<br>Academic Block = 32 Sft | 64 | %Sft | 680.55 | 436 | | |
| 8 | Painting guard bars, gates of iron bars, gratings, railing (including standards, braces etc.) and similar open work. Painting old surfaces one coat.<br>(Annual Repair)<br>Academic Block = 1650 Sft | 1650 | %Sft | 824.15 | 13598 | | |
| 9 | Dismantling 1st class tile roofing.<br>(Special Repair) | 2180 | %Cft | 1523.80 | 33219 | | |
| 10 | Earthwork excavation undressed lead upto a single throw of Kassi, phaorah or shovel:-In ordinary soil.<br>(Special Repair) | 719 | %0Cft | 4571.40 | 3287 | | |

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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 11 | Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" (50 mm) thick earth (including mud plaster) over thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen, complete in all respects:- Thermopore sheet 1" (25 mm) thick. (Special Repair) | 2168 | %Sft | 14725.15 | 319241 | | |
| 12 | Khuras on roof 2'x2'x6" (600 x 600 x 150 mm). (Special Repair) | 3 | Each | 854.35 | 2563 | | |
| 13 | Pacca brick work in ground floor cement, sand mortar Ratio 1:5. (Special Repair) | 236 | %Cft | 30670.10 | 72381 | | |
| 14 | Extra labour on item No. 1 for brick work in first floor. (Special Repair) | 236 | %Cft | 1345.85 | 3176 | | |
| 15 | Cement plaster 1:4 upto 20' (6.00 m) height:-½" (13mm) thick. (Special Repair) | 450 | %Sft | 3863.70 | 17387 | | |
| 16 | Cement pointing flush upto 20' (6.00 m) heihgt:-Ratio 1:2. (Special Repair) | 315 | %Sft | 3186.15 | 10036 | | |
| 17 | Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks. (Special Repair) | 315 | %Sft | 652.50 | 2055 | | |
| 18 | Extra for lime, mud or cement plaster and pointing from 20' (6.00 m) and above for each additional 10' (3.00m). (Special Repair) | 765 | %Sft | 412.35 | 3154 | | |

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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| **PLUMBING ITEMS** | | | | | | | |
| 19 | Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc Under Counter Vanity Basin. (Annual Repair) | 4 | Each | 7329.95 | 29320 | | |
| 20 | Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever typeBasin Mixer, doubleBib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge.(v) Muslim shower. (Annual Repair) | 80 | Each | 2212.00 | 176960 | | |
| 21 | Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. White. (Annual Repair) | 20 | Each | 2649.10 | 52982 | | |
| 22 | Providing and fitting, chromium plated or brass oxidised, swan neck cock 15 mm (½") dia. Two way. (Annual Repair) | 12 | Each | 802.50 | 9630 | | |
| 23 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Schedule pipe of nominal diameter, made (Dadex/Popular / Beta / BBJ) for water supply i/cthecost of solvent and specials complete as approved and directed by the Engineer Incharge.Schedule 40. (Annual Repair) | | | | | | |
| i. | 4" dia | 13 | P.Feet | 749.80 | 9747 | | |
| **MISCELLANEOUS ITEMS** | | | | | | | |
| 24 | Petty repair to main rooms. (Annual Repair) | 10 | Each | 1116.65 | 11167 | | |

Executive Engineer
Punjab Daanish Schools &
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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 25 | Petty repair to small rooms.<br>(Annual Repair) | 10 | Each | 558.25 | 5583 | | |
| 26 | Providing and fixing, approved quality mortice lock.<br>(Annual Repair) | 65 | Each | 771.50 | 50148 | | |
| 27 | Glazing with plate glass 1/4" (6 mm) thick including the cost of deodar wood fillets and putty. Glazing exceeding 8 Sft (0.75 sq.m) but not exceeding 24 sft (2.25 sq.m).<br>(Annual Repair) | 227 | P.Sft | 291.55 | 66182 | | |
| **ELECTRICAL ITEMS** | | | | | | | |
| 28 | Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe / wooden strip batten /wooden casing and capping/G.I. wire/trenches (rate for cables only) 250/440 volts, PVC insulated Single core.<br>(Annual Repair) | | | | | | |
| i. | 7/0.74 mm (7/0.029") | 300 | Each | 40.45 | 12135 | | |
| 29 | Supply and fitting of capacitor 2.2 uF, for ceiling fans.<br>(Annual Repair) | 150 | Each | 214.50 | 32175 | | |
| 30 | Supply and erection of wall socket with 3 pin 5 Amp, shoe.<br>(Annual Repair) | 24 | Each | 125.60 | 3014 | | |
| 31 | Supply and erection of button holder bakelite large size.<br>(Annual Repair) | 100 | Each | 53.75 | 5375 | | |
| 32 | Supply and erection of 3 pin switch and plug combined, recessed type.<br>(Annual Repair) | | | | | | |
| i. | 5 Amp | 40 | Each | 112.00 | 4480 | | |
| ii. | 10/15 Amp | 30 | Each | 149.00 | 4470 | | |

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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 33 | Rewinding of A.C. ceiling fan, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc. (Annual Repair) | | | | | | |
| i. | 1400 mm (56") sweep, 250-275 RPM | 85 | Each | 3051.30 | 259361 | | |
| 34 | Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans. (Annual Repair) | 85 | Each | 273.05 | 23209 | | |
| 35 | P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge. (Annual Repair) | | | | | | |
| i. | 06 Gange | 50 | Each | 1162.50 | 58125 | | |
| ii. | Fan Dimmer | 110 | Each | 598.50 | 65835 | | |
| iii. | Three pin Light Plug 10/13 Amp | 30 | Each | 610.50 | 18315 | | |
| iv. | Three Pin Power Plug 15-32 Amp | 30 | Each | 754.50 | 22635 | | |
| 36 | Supply and fitting of mercury vapour lamp, complete with choke set. (Annual Repair) | | | | | | |
| i. | 250 watt lamp | 5 | Each | 3005.80 | 15029 | | |
| | **Total-A (Rs)** | | | | **1773909** | | |
| **B) NON STANDARDIZED ITEMS** | | | | | | | |
| 1 | Providing Spindle of tap size 1/2" Dia. (Brass). (Soneix or equalivent). (Annual Repair) | 12 | Each | 728.00 | 8736 | | |
| 2 | Providing Aluminum cabinet Handle 6" stainless steel complete in all respects. (Annual Repair) | 140 | Each | 145 | 20300 | | |

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 3 | Providing Plastic Magnet Catcher 2" (pasoti or equivalent) complete in all respects. (Annual Repair) | 170 | Each | 56 | 9520 | | |
| 4 | Providing Brass tower bolts 225 m. (Annual Repair) | 60 | Each | 336 | 20160 | | |
| 5 | Providing aluminium window Latch. Size 1-1/2". (Annual Repair) | 24 | Each | 100 | 2400 | | |
| 6 | Providing and Fixing aluminium sliding window Roller (19.50mm x 36mm). (Annual Repair) | 50 | Pair | 660.00 | 33000 | | |
| 8 | Supply and Errection of LED Bulb 13-Watt Phillips or equivalent approved firm. (Annual Repair) | 250 | Each | 440.00 | 110000 | | |
| | **Total-B** | | | | **204116** | | |
| | **G. Total (A+B)** | | | | **1978025** | | |
| | **Add 16% PRA** | | | | **316484** | | |
| | **Total** | | | | **2294509** | | |
| | **Credit of Old Material** | | | | **56396** | | |
| | **Net Total** | | | | **2238113** | | |
| | **Say** | | | | **2.238(M)** | | |

**Note** (i) B.O.Q is based on rates for 2nd Bi-annual 2022 i.e. from July Ist, 2022 to Dec 3Ist, 2022 (District Rahim Yar Khan)
(ii) In case of any ambiguity regarding rate, MRS/ Input rates of Finance Department displayed on web-site for 2nd Bi-annual 2022 i.e. from (July 1st, 2022 to December 31st, 2022) District Rahim Yar Khan shall be followed.

Approved for Rs 2.295 cm

Deputy Manager (Engg)
Punjab Daanish Schools & Centres of Excellence Authority
Govt. Of The Punjab Lahore

Sub Engineer (Civil)
Daanish Schools
Rahim Yar Khan

Principal
Daanish School (Boys)
Rahim Yar Khan

Quantity Surveyor
Punjab Daanish Schools & Centres of Excellence Authority
Govt. Of The Punjab Lahore.

Consultant

General Manager (Engg)
Punjab Daanish Schools & Centres of Excellence Authority
Govt. Of The Punjab Lahore.

## Package -3 (Girls Campus)

1. Provision of 0.30 Cusec Capacity Centrifugal Pump Set at Daanish School (Girls), Rahim Yar Khan
2. Providing and Fixing of Electric Geysers on Top of Hostels Roof at Daanish School (Girls), Rahim Yar Khan

## DNIT/ B.O.Q

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| **A) STANDARDIZED ITEMS** | | | | | | | |
| 1 | Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) in ordinary soil. (Pump Set) | 27 | %0Cft | 10677.75 | 288 | | |
| 2 | Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth Ratio 1:6:12 (Pump Set) | 9 | %Cft | 21060.85 | 1895 | | |
| 3 | Pacca brick work in cement, sand mortar foundation and plinth Ratio 1:4. (Pump Set) | 11 | %Cft | 29411.50 | 3235 | | |
| 4 | Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizental shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4). (Pump Set) | 10 | P.Cft | 457.75 | 4578 | | |

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|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 5 | Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) Deformed bars (Grade-40).<br>(Pump Set) | 31 | %kg | 28666.20 | 8887 | | |
| 6 | Filling, watering and ramming earth under floors with surplus earth from foundation, etc.<br>(Pump Set) | 18 | %0Cft | 5090.45 | 92 | | |
| 7 | Dry rammed brick or stone ballast, 1½" to 2"( 40 mm to 50 mm) gauge mixed with 25% sand.<br>(Pump Set) | 7 | %Cft | 8891.50 | 622 | | |
| 8 | Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.ii) Medium Quality.<br>(Pump Set) | | | | | | |
| i. | 3" i/d (75 mm) 4.85mm thick. | 32 | P.Rft | 1084.10 | 34691 | | |
| 9 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Schedule pipe of nominal diameter, made (Dadex/Popular / Beta / BBJ) for water supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. Schedule 40.<br>(Pump Set) | | | | | | |
| i. | 4" i/dia | 25 | P.Rft | 749.80 | 18745 | | |

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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 10 | Making connection for new watersupply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc. Diameter of running main:<br>(Pump Set) | | | | | | |
| i. | Upto 6" i/d (150 mm) | 1 | Each | 2952.20 | 2952 | | |
| 11 | Providing and fixing gun metal peet/gate valve (screwed):<br>(Pump Set) | | | | | | |
| i. | 80 mm(3") dia | 1 | Each | 22882.50 | 22883 | | |
| 12 | Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharriescomplete inall respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned).<br>b) PN-20 pipe.<br>(P/F Geysers) | | | | | | |
| i. | 32 mm i/d | 728 | P.Ft | 106.90 | 77823 | | |
| 13 | Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:- | | | | | | |
| i. | 25 mm i/d (P/F Geysers) | 352 | P.Mtr | 201.45 | 70910 | | |
| ii. | 50 mm i/d (Pump Set) | 50 | P.Mtr | 157.90 | 7895 | | |

Quantity Surveyor
Punjab Daanish Schools &
Centres of Excellence Authority
Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 14 | Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only). | | | | | | |
| a | PVC insulated, PVC sheathed twin core, 250/440 volts. (P/F Geysers) | | | | | | |
| i. | 7/0.91 mm (7/0.036") | 352 | P.Mtr | 360.20 | 126790 | | |
| b | PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:- (Pump Set) | | | | | | |
| i. | 7/1.63 mm (7/0.064") | 50 | P.Rft | 642.90 | 32145 | | |
| 15 | Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level and 2 metre away from building plinth. (Pump Set) | 1 | Job | 9592.45 | 9592 | | |
| 16 | Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge. Double Pole: 6-40 Amp (6 KA) | 16 | Each | 3351.75 | 53628 | | |
| | **Total-A (Rs)** | | | | **477652** | | |

Quantity Surveyor
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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| **B) NON STANDARDIZED ITEMS** | | | | | | | |
| 1 | Providing and Fixing of 0.30 Cusec Capacity Centrifugal Pump Set Etanorm type,200 Feet Head,Suction Flange I.D 2.0" & Discharge Flange I.D 1.5" with Flexible coupling, Dully coupled with a 20HP, 3 Phase 400 Volts Siemens Horizantal Electric Motor & mounted on common steel base frame with Motor Control unit ASD-20 HP including cast iron Sluice & Reflux valves complete in all respects as approved by the Engineer Incharge (Manufactured by KSB or equivalent approved Manufactured).<br>(Pump Set) | 1 | Each | 948000.00 | 948000 | | |
| 2 | Providing and Fixing of 3/4" dia Ball Valve (Brass). Made by Itly.<br>(P/F Geysers) | 16 | Each | 1000.00 | 16000 | | |
| 3 | Providing and Fixing of 3/4" dia Safety Valve (Brass) Master or equalant.<br>(P/F Geysers) | 16 | Each | 950.00 | 15200 | | |
| 4 | Providing and Fixing of 3/4" dia Non Return Valve (Brass) Master or equalant.<br>(P/F Geysers) | 16 | Each | 780.00 | 12480 | | |

Quantity Surveyor
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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 5 | Providing/fixing Electric water Geyser comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.<br>25 Gallon capacity | 16 | Each | 35000.00 | 560,000 | | |
| 6 | Providing and fixing of PVC back box size 6"x3" and 4" deep, 3/16" thick for reccessed wiring as approved by Engineer Incharge.. | 16 | Each | 204.00 | 3,264 | | |
| | **Total-B (Rs)** | | | | **1554944** | | |
| | **G. Total (A+B) Rs** | | | | **2032596** | | |
| | **Add 5% PRA** | | | | **101630** | | |
| | **Net Total** | | | | **2134226** | | |
| | **Say** | | | | **2.134(M)** | | |

**Note** (i) B.O.Q is based on rates for 2nd Bi-annual 2022 i.e. from July 1st, 2022 to Dec 31st, 2022 (District Rahim Yar Khan)

(ii) In case of any ambiguity regarding rate, MRS/ Input rates of Finance Department displayed on web-site for 2nd Bi-annual 2022 i.e. from (July 1st, 2022 to December 31st, 2022) District Rahim Yar Khan shall be followed.

**Sub Engineer (Civil)**
Daanish Schools
Rahim Yar Khan

**Principal**
Daanish School (Gls)
Rahim Yar Khan

Consultant
Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore.

Approved for Rs 2.134 M

Quantity Surveyor
Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore.

Deputy Manager (Engg)
Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore

## INFRASTRUCTURE DEVELOPMENT & MAINTENANCE WORKS AT DAANISH SCHOOL (BOYS & GIRLS) RAHIM YAR KHAN

### Package - 4 (Girls Campus)

1. Annual Repair & Maintenance of Buildings at Daanish School (Girls), Rahim Yar Khan

2.Special Repair / Replacement of L.T Lines on Residencies Area at Daanish School (Girls), Rahim Yar Khan

## DNIT/ B.O.Q

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| **A) STANDARDIZED ITEMS** | | | | | | | |
| 1 | Scraping ordinary distemper, oil bound distemper, or paint of wall.<br>(Annual Repair)<br>Admin Block = 2150 Sft<br>Academic Block = 4291 Sft<br>Hostel Block = 15768 Sft | 22209 | %Sft | 761.90 | 169210 | | |
| 2 | Distempering old surface two coats.<br>(Annual Repair)<br>Admin Block = 2150 Sft<br>Academic Block = 4291 Sft<br>Hostel Block = 15768 Sft | 22209 | %Sft | 705.15 | 156607 | | |
| 3 | Distempering old surface one coat.<br>(Annual Repair)<br>Admin Block = 2150 Sft<br>Academic Block = 4291 Sft<br>Hostel Block = 15768 Sft | 22209 | %Sft | 561.30 | 124659 | | |
| 4 | Painting doors and windows, any type (Single coat only) on old surface.<br>(Annual Repair)<br>Admin Block = 923 Sft<br>Academic Block 11267 Sft<br>Hostel Block = 32320 Sft | 44510 | %Sft | 947.65 | 421799 | | |

Quantity Surveyor
Punjab Daanish Schools &
Centres of Excellence Authority
Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 5 | Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect on old surface.<br>(Annual Repair)<br>Admin Block = 347 Sft<br>Academic Block = 4884 Sft | 5231 | %Sft | 1925.45 | 100720 | | |
| 6 | French Polishing complete on old work.<br>(Annual Repair)<br>Admin Block = 153.50 Sft<br>Academic Block = 153.50 Sft<br>Hostel Block = 614.00 Sft | 921 | %Sft | 2688.00 | 24756 | | |
| 7 | Painting old surfaces Painting sashes, fanlights, glazed or gauzed doors and windows:-first coat.<br>(Annual Repair)<br>Admin Block = 32 Sft<br>Academic Block = 32 Sft<br>Hostel Block = 64 Sft | 128 | %Sft | 680.55 | 871 | | |
| 8 | Painting guard bars, gates of iron bars, gratings, railing (including standards, braces etc.) and similar open work. Painting old surfaces one coat.<br>(Annual Repair)<br>Academic Block = 1650 Sft<br>Hostel Block = 2100 Sft | 3750 | %Sft | 824.15 | 30906 | | |
| **PLUMBING ITEMS** | | | | | | | |
| 9 | Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc Under Counter Vanity Basin.<br>(Annual Repair) | 4 | Each | 7329.95 | 29320 | | |

Quantity Surveyor
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| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 10 | Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever typeBasin Mixer, doubleBib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge.(v) Muslim shower.<br>(Annual Repair) | 90 | Each | 2212.00 | 199080 | | |
| 11 | Providing and fitting, chromium plated or brass oxidised, swan neck cock 15 mm (½") dia. Two way.<br>(Annual Repair) | 24 | Each | 802.50 | 19260 | | |
| 12 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Schedule pipe of nominal diameter, made (Dadex/Popular / Beta / BBJ) for water supply I/cthecost of solvent and specials complete as approved and directed by the Engineer Incharge.Schedule 40.<br>(Annual Repair) | | | | | | |
| i. | 4" dia | 26 | P.Feet | 749.80 | 19495 | | |
| 13 | Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Schedule pipe of nominal diameter, made (Dadex/Popular / Beta / BBJ) for water supply i/cthecost of solvent and specials complete as approved and directed by the Engineer Incharge.Schedule 40.<br>(Annual Repair) | | | | | | |
| i. | 6" dia | 26 | P.Feet | 1449.85 | 37696 | | |
| **MISCELLANEOUS ITEMS** | | | | | | | |
| 14 | Petty repair to main rooms.<br>(Annual Repair) | 10 | Each | 1116.65 | 11167 | | |
| 15 | Petty repair to small rooms.<br>(Annual Repair) | 10 | Each | 558.25 | 5583 | | |

Punjab Daanish Schools & Centres of Excellence Authority Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 16 | Providing and fixing, approved quality mortice lock. (Annual Repair) | 25 | Each | 771.50 | 19288 | | |
| 17 | Glazing with plate glass 1/4" (6 mm) thick including the cost of deodar wood fillets and putty. Glazing exceeding 8 Sft (0.75 sq.m) but not exceeding 24 sft (2.25 sq.m). (Annual Repair) | 113 | P.Sft | 291.55 | 32945 | | |
| **ELECTRICAL ITEMS** | | | | | | | |
| 18 | Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe / wooden strip batten /wooden casing and capping/G.I. wire/trenches (rate for cables only) 250/440 volts, PVC insulated Single core. (Annual Repair) | | | | | | |
| i. | 7/0.74 mm (7/0.029") | 300 | Each | 40.45 | 12135 | | |
| 19 | Supply and fitting of capacitor 2.2 uF, for ceiling fans. (Annual Repair) | 150 | Each | 214.50 | 32175 | | |
| 20 | Supply and erection of wall socket with 3 pin 5 Amp, shoe. (Annual Repair) | 24 | Each | 125.60 | 3014 | | |
| 21 | Supply and erection of button holder bakelite large size. (Annual Repair) | 100 | Each | 53.75 | 5375 | | |
| 22 | Supply and erection of 3 pin switch and plug combined, recessed type. (Annual Repair) | | | | | | |
| i. | 5 Amp | 40 | Each | 112.00 | 4480 | | |
| ii. | 10/15 Amp | 30 | Each | 149.00 | 4470 | | |
| 23 | Rewinding of A.C. ceiling fan, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc. (Annual Repair) | | | | | | |

Punjab Daanish Schools &
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Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| i. | 1400 mm (56") sweep, 250-275 RPM | 100 | Each | 3051.30 | 305130 | | |
| 24 | Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans. (Annual Repair) | 300 | Each | 273.05 | 81915 | | |
| 25 | P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge. (Annual Repair) | | | | | | |
| I. | 06 Gange | 80 | Each | 1162.50 | 93000 | | |
| ii. | Fan Dimmer | 110 | Each | 598.50 | 65835 | | |
| iii. | Three pin Light Plug 10/13 Amp | 30 | Each | 610.50 | 18315 | | |
| iv. | Three Pin Power Plug 15-32 Amp | 30 | Each | 754.50 | 22635 | | |
| 26 | Supply and fitting of mercury vapour lamp, complete with choke set. (Annual Repair) | | | | | | |
| i. | 250 watt lamp | 10 | Each | 3005.80 | 30058 | | |
| 27 | Supply and erection of all aluminum stranded hard drawn bare conductor. (Special Repair) | | | | | | |

Quality Supervisor
Punjab Danish Schools & Centres of Excellence Authority
Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| i. | Size 7/3.099 mm (7/0.122") | 3600 | P.Mtr | 213.20 | 767520 | | |
| 28 | Supply and erection of shackle insulator, medium size. (Annual Repair) | 25 | Each | 361.00 | 9025 | | |
| | **Total-A (Rs)** | | | | **2858444** | | |
| **B) NON STANDARDIZED ITEMS** | | | | | | | |
| 1 | Providing and fixing spindle of tap size 1/2" Dia. (Brass). (Soneix or equalivent). (Annual Repair) | 24 | Each | 728.00 | 17472 | | |
| 2 | Providing and fixing aluminum cabinet Handle 6" stainless steel complete in all respects. (Annual Repair) | 140 | Each | 145 | 20300 | | |
| 3 | Providing and fixing plastic Magnet Catcher 2" (pasoti or equivalent) complete in all respects. (Annual Repair) | 170 | Each | 56 | 9520 | | |
| 4 | Providing and fixing cabinet locks 3/4" (pasoti or equivalent) complete in all respects. (Annual Repair) | 212 | Each | 112 | 23744 | | |
| 5 | Providing and fixing brass tower bolts 225 m. (Annual Repair) | 24 | Each | 336 | 8064 | | |
| 6 | Providing and fixing aluminium window Latch. Size 1-1/2". (Annual Repair) | 20 | Each | 100 | 2000 | | |
| 7 | Providing and Fixing aluminium sliding window Roller (19.50mm x 36mm). (Annual Repair) | 40 | Pair | 660.00 | 26400 | | |

Chief Executive Officer
Punjab Danish Schools &
Centres of Excellence Authority
Govt. Of The Punjab Lahore.

| Sr. No. | Description | Qty | Unit | Rate (Rs) | Amount (Rs) | Rate to be quoted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| 8 | Supply and Errection of LED Bulb 13-Watt, 6500k Light, Phillips or equivalent as approved by Engineer Incharge. (Annual Repair) | 350 | Each | 440.00 | 154000 | | |
| 9 | Supply and Errection of 11-KVA transformer Fuse cut out set as approved by Engineer Incharge. (Special Repair) | 1 | Each | 30000.00 | 30000 | | |
| | **Total-B** | | | | **291500** | | |
| | **G. Total (A+B)** | | | | **3149944** | | |
| | **Add 16% PRA** | | | | **503991** | | |
| | **Total** | | | | **3653934** | | |
| | **Credit of Old Material** | | | | **14400** | | |
| | **Net Total** | | | | **3639534** | | |
| | **Say** | | | | **3.639(M)** | | |

**Note** (i) B.O.Q is based on rates for 2nd Bi-annual 2022 i.e. from July 1st, 2022 to Dec 31st, 2022 (District Rahim Yar Khan)

(ii) In case of any ambiguity regarding rate, MRS/ Input rates of Finance Department displayed on web-site for 2nd Bi-annual 2022 i.e. from (July 1st, 2022 to December 31st, 2022) District Rahim Yar Khan shall be followed.

**Sub Engineer (Civil)**
Daanish Schools
Rahim Yar Khan

**Principal**
Daanish School (GIs)
Rahim Yar Khan

Quantity Surveyor
Punjab Daanish Schools &
Centres of Excellence Authority
Govt. Of The Punjab Lahore.

Consultant

Deputy Manager (Engg)
Punjab Daanish Schools &
Centres of Excellence Authority
Govt. Of The Punjab Lahore

Approved for Rs 3.654(M)

General Manager (Engg)
Punjab Daanish Schools &
Centres of Excellence Authority
Govt. Of The Punjab Lahore.