# INFRASTRUCTURE DEVELOPMENT & MAINTENANCE WORKS AT COE GOVT. BOYS PILOT BOYS HIGH SCHOOL SIALKOT.

## B.O.Q

| Sr. No. | Description | Qty | Unit | Rate | Amount | Rate to be qouted by the contractor | |
|---|---|---|---|---|---|---|---|
| | | | | | | Rate | Amount |
| | **A- STANDERDIZED ITEMS** | | | | | | |
| 1. | Dismantlling brick or flaged flooring (Tiles on top of Roof) | 4410 | %Sft | 866.20 | 38199 | | |
| 2. | Rehandlling of Earthwork upto a lead of 50 ft. | 1102.5 | %oCft | 3566.65 | 3932 | | |
| 3. | Dismantlling brick work in lime or cement plaster. | 157.5 | %Cft | 4330.90 | 6821 | | |
| 4. | Removing cement or lime plaster. | 13144 | %Sft | 424.60 | 55809 | | |
| 5. | Removing Door with Chowkat. | 5 | No | 448.25 | 2241 | | |
| 6. | Dismantlling cement concrete 1:2:4 plain. Floors | 626.88 | %Cft | 11209.45 | 70270 | | |
| 7. | Removing windows and sky lights with chowkat. | 48 | No | 350.45 | 16822 | | |
| 8. | Dismantlling cememnt concrete with brick aggregate. | 1187.3 | %Cft | 3057.10 | 36297 | | |
| 9. | Dismantlling cement concrete reinforced, seperating reinforcement from concrete, cleaning and straightning the same. | 22.688 | %Cft | 18342.70 | 4162 | | |

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| 10. | Reinforced cement concrete in roof slab beams, clolumns lintels, girders and other structural emeberslaid in situ or pre-cast laid in position complete in all respects:- Ratio 1:2:4 | 22.688 | P.Cft | 556.05 | 12616 | | |
| 11. | 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-60) | 70.45 | %Kg | 31814.75 | 22413 | | |
| 12. | 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:- | 4386 | %Sft | 15326.30 | 672212 | | |
| 13. | Khuras on Roof 2'x2'x6" (600x600x150mm) | 6 | Each | 866.40 | 5198 | | |
| 14. | Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps,etc:- 4" dia. | 120 | Rft | 328.350 | 39402 | | |
| 15. | Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting. | 6 | Each | 473.450 | 2841 | | |
| 16. | Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting. | 6 | Each | 899.95 | 5400 | | |

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| 17. | Reinforced cement concrete spout, including fixing in position, with top and bottom Khurras. | 12 | Each | 1292.90 | 15515 | | |
| 18. | 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. | 2206.9 | %Cft | 9447.20 | 208490 | | |
| 19. | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):Ratio 1: 2: 4 | 352.82 | %Cft | 38271.80 | 135031 | | |
| 20. | 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marble powder 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 :- (a) using grey cement | 2973 | %Sft | 19991.35 | 594343 | | |
| 21. | Cement plaster 1:4 upto 20' height:- 1/2" thick. Ratio 1:4 on walls i/c floating coat. | 11262 | %Sft | 5166.45 | 581846 | | |
| 22. | Cement plaster 3/8" 10mm thick under soffit of RCC roof Slan upto 20ft height. Ratio 1:3 | 4398 | %Sft | 3177.60 | 139751 | | |

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| 23. | Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect. | 720 | P.Sft | 1601.00 | 1152720 | | |
| 24. | Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects. | 432 | P.Sft | 863.30 | 372946 | | |
| 25. | P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge. | 210 | P.Sft | 506.80 | 106428 | | |

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| 26. | Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm) | 210 | P.Sft | 404.80 | 85008 | | |
| 27. | Pacca brick work in ground floor upto 10ft height. Cement sand mortor, 1:4 Ratio | 360.94 | %Cft | 35044.60 | 126490 | | |
| 28. | P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by theEngineer Incharge. Brass 12" Long | 5 | Each | 929.50 | 4648 | | |
| 29. | Cement pointing struck jointins, on walls, upto 20' height. Ratio 1:2 | 481 | %Sft | 3575.35 | 17197 | | |
| 30. | Painting new surface , Painting Door & Windows 3 Coats. | 420 | %Sft | 2770.70 | 11637 | | |
| 31. | Painting new surface , i/c Priming Coat Kerb Stone | 650 | %Sft | 1750.60 | 11379 | | |
| 32. | Distempering new surface 3 coats. | 14628 | %Sft | 1309.95 | 191619 | | |
| 33. | 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: Old Surface | 2820 | %Sft | 1943.50 | 54807 | | |

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| 34. | Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concenterate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge. | 2973 | P.Sft | 9.25 | 27500 | | |
| 35. | Providing and laying Tuff pavers, having 7000 PSI, crushing streng of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) 50mm thick. | 2769 | P.Sft | 143.60 | 397628 | | |
| 36. | Providing and fixing precast Edge Kerb Stone (4"to 6" thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. With Painting 14" High. | 123 | Rft | 518.90 | 63825 | | |
| | **Total-A** | | | | **5293442** | | |
| | **B- Electric Items** | | | | | | |
| 1. | Supply and erection of PVC pipe for wiring recessed in walls, ncluding inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. 25mm dia. | 800 | Rft | 96.85 | 77480 | | |

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| C. | **Non Standerdised Items** | | | | | | |
| 1. | Supply,Fixing 99% Pure Copper Winded Ceilling Fan 56" Pak Fan,Royal Fan,GFC Fan or equivalent i/c Cost of fan Dimmer,Complete in all Resspect or approved by the Engineer Incharge. | 12 | Each | 7850 | 94200 | | |
| 2. | Supply and fixing of Energy Saver Bulb 13w (Phillips). | 20 | Each | 435.00 | 8700 | | |
| | **Total-C** | | | | **102900** | | |
| | **Grand Total (A+B+C)** | | | | **5567966** | | |
| | **Add 16% PRA** | | | | **890875** | | |
| | **TOTAL** | | | | **6458841** | | |
| | **Credit of Old Material** | | | (-) | **110500** | | |
| | **NET Total** | | | | **6348341** | | |
| | **SAY** | | | | **6.348 m** | | |

***Note***

(i) B.O.Q is based on rates for 2nd Bi-annual 2022 i.e. from July Ist, 2020 to Dec 31, 2022

(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 Dec 31, 2022 for District Sialkot shall be followed.

Sub Engineer
PDS-CEA Lahore
Sub-Engineer (Engg.)
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Chief Quantity Evaluator
(Consultant)
PDS-CEA Lahore

DNIT Approved for Rs. 6.348 m

Deputy Manager Engg
PDS-CEA Lahore

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