**SCHEDULE B**

NAME OF WORK: CONSTRUCTION OF HOSTEL FOR TRAINEES OF

POULTRY BREEDDING FARMING AND NUTRITION

AT P.R.I KORANGI, KARACHI.

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| **S.#** | **DESCRIPTION OF ITEMS** | **QTY.** | **RATE** | **UNIT** | **AMOUNT** |
| **A** | **PART-A, S. I (CIVIL WORK)** |  |  |  |  |
| 1 | Excavation in foundation of Building Bridges and other structures in/c dagbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft.(S.I.No.18-b/p-4)  b) In ordinary soil. | 33556.85  Cft | 3176/25 | %0cft | 106585/- |
| 2 | Excavation in hard rock requiring blasting and disposal of excavated material (blasted material) upto 50 ft lead (including dressing and leveling to designed section etc complete.(S.I.No.7-c/p-2)  c) Grade III | 1502.47  Cft | 9421/50 | %0cft | 14156/- |
| 3 | Filling, watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet.(S.1.NO.22/P-4) r.a (3630 +21069/92) = 24699/20 | 18832.38  Cft | 24699/20 | %0cft | 465145/- |
| 4 | Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet.(S.I.No.21/p-4) | 22371.23  Cft | 1512/50 | %0cft | 33836/- |
| 5 | Dismantling cement concrete plain 1:2:4. (S.I.No. 19-c/p-10) | 1496.80  Cft | 3327/50 | %cft | 49806/- |
| 6 | Cement concrete brick or stone ballast 1-1/2” to 2” gauge. (S.I.No.4-b/p-15)  b)Ratio 1:4:8 | 7155.39  Cft | 9416/28 | %cft | 673772/- |
| 7 | cement concrete plain including placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering.(S.I.No.5-h/p-16)  h) Ratio. 1:3:6 | 289.57  Cft | 12595/- | %cft | 36471/- |
| 8 | Reinforced cement concrete work i/c all labor and material except the cost of steel  reinforcement and its labor for bending and binding which will be paid separately. This rate  also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the  exposed surface (i/c screening and washing of shingle) (a) RCC work in roof slab beams  columns rafts, lintels and other structural members laid in situ or precast laid in position  complete in all respects (i) Ratio 1:2:4 90 Lbs cement 2 cft sand 4 cft shingle 1/8” to ¼”  gauge. (S.I.6-a-i/p-17) | 21082.28  Cft | 337/= | p-cft | 7104728/- |
| 9 | Reinforced cement concrete work i/c all labor and material except the cost of steel  reinforcement and its labor for bending and binding which will be paid separately. This rate  also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the  exposed surface (i/c screening and washing of shingle) (a) RCC work in roof slab beams  columns rafts, lintels and other structural members laid in situ or precast laid in position  complete in all respects (ii) Ratio 1-1 1/2:3  (S.I.6-a-ii/p-17) | 1589.74  Cft | 349/= | p-cft | 554819/- |
| 10 | Making holes upto 3” dia 18” depth in a cement concrete or stone masonry walls and repairing.(S.I. No.15/p-18) | 20-holes | 592/90 | p-hole | 11858/- |
| 11 | P/L 1:3:6 cement concrete solid block masonry wall above 6” in thickness set in 1:6 cement mortar in ground floor superstructure i/c rakingout joints & curing etc.(S.I.No.23/p-19) | 5453.65  Cft | 14621/44 | %cft | 797402/- |
| 12 | P/L 1:3:6 cement concrete solid block masonry wall 6” and below in thickness set in 1:6 cement mortar in ground floor super structure i/c raking-out joints & curing etc.(S.I.No.24/p-19) | 4033.43  Cft | 15771/01 | %cft | 636113/- |
| 8 | Erection and removal of centering for RCC or plain cement concrete works of deodar wood (2nd Class)  for partal wood.(S.I.No.19-b-i/p-18)  (b)(i) Horizontal. | 864.38  Sft | 3588/48 | %sft | 31018/- |
| 14 | Extra labour for lifting of steel above first floor for every additional floor.. (S.I.No. 29/p-19) | 238.60  Cwt | 151/25 | p-cwt | 36088/- |
| 15 | Add extra labour for Block Masonry in  First floor.(S.I.No. 30-a/p-19) | 6295.36  Sft | 328/97 | %sft | 20710/- |
| 16 | Add extra labour for Block Masonry in  2nd floor. (S.I.No. 30-b/p-19) | 1771.50  Sft | 760/03 | %sft | 13464/- |
| 17 | Cement plaster 1:6 up to 12’ height  ½” thick. (S.I.No.13-b/p-52) | 54489.28  Sft | 2206/60 | %sft | 1202360/- |
| 18 | Cement plaster 1:4 up to 12’ height.(S.I.No.11-a/p-52)  a) 3/8” thick. | 54489.28  Sft | 2197/52 | %sft | 1197413/- |
| 19 | Extra lime mud or cement plaster and painting iron 12’ and above (for each additional 10’ height)  (S.I.No. 29/p-54) | 28347.44  Sft | 140/97 | %sft | 39961/- |
| 20 | Two coats of bitumen laid hot using 34 Lbs for %sft. over roof and blinded with sand at one cft. Per %sft. (S.I.No.13/p-35) | 6846.41  Sft | 1887/40 | %sft | 129219/- |
| 21 | P/L 1” thick topping cc 1:2:4 i/c surface finishing and dividing into panels.  (S.I.16-c/p-42)  c) 2” thick. | 8123.53  Sft | 3275/50 | %sft | 266086/- |
| 22 | Extra labour for each storey above ground for mosaic, conglomerate or tiles, stone and wooden floor.(S.I.No.18/p-42) | 6846.41  Sft | 226/88 | %sft | 15533/- |
| 23 | Rough cost/stucco cement plaster ¾” % sft thick in proportion of 1:1 1/2” 1 1/2” in cement hill sand and bajri in patterns.  (S.I.32/P-55) | 2359.36  Sft | 2306/10 | %sft | 54409/- |
| 24 | P/F colour crete to wall surface to provide, durable crust and aesthetics having thickness upto ¾” with specified colour having water, fire and termite resistance (upto 20’-0 height).(S.I,.No.44/p-56) | 15858.84  Sft | 6319/50 | %sft | 1002199/- |
| 25 | Add extra labour for rock wall/colour crete above 20 , - 0 height requiring scaffolding etc, for every 10’ -0 additional height .(S.I, No.45/p-56) | 11350.04  Sft | 01/97 | p-sft | 22360/- |
| 26 | Providing & Fixing approved quality mortice lock . (S.I No. 21/p-60) | 66-Nos | 1786/13 | Each | 117885/- |
| 27 | P/F with sunk iron screws wooden architrave approved design/shape having width not less than 2-1/2” as directed by Engineer incharge.(S.I.60/p-66). | 2224.00  Rft | 49/97 | P-rft | 111133/- |
| 28 | Providing and Fixing Aluminum sheet on doors pasted with glue as per requirement.(S.I No 61/p-66) | 360.00  Sft | 63/77 | p-sft | 22957/- |
| 29 | P/F G.I. frame/chowkats of size 7”x2” or 4-1/2”x3” for door using 20 gauge G.I. sheet in/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio. 1:6 and repairing the jambs. The cost also in/c all carriage. tools and plants used in making and fixing.  (S.I.No.29/p-93) | 1104.00  Rft | 228/90 | p-rft | 252706/- |
| 30 | Providing Anti-termmite treatment by spraying/sprinkling neptachlar 0.5% emulsion as an overall pre construction treatment in slab type construction under the slab and along attached perches or entrance etc, complete as per direction of engineer incharge . (S.I No 92/p-109) | 8828.28 | 09/74 | p-sft | 85987/- |
| 31 | Priming coat of chalk distemper.(S.I.No. 23/p-54) | 41932.03 | 442/75 | %sft | 185654/- |
| 32 | Distempering (c) Three coats.(S.I.No.24-c/p-54) | 41932.03  Sft | 1079/65 | %sft | 452719/- |
| 33 | Preparing the surface and painting with plastic emulsion paint of approved make i/c rubbing the surface with sand paper fitting the woids with chalk / plaster of paris and then painting etc complete.(S.I.No.40 -b/p-56)  b) 2nd & subsequent coat.(Three coats) | 593.25  Sft | 2237/95 | %sft | 13277/- |
| 34 | Preparing the surface and painting with weather coat in/c rubbing the surface with rubbing brick / sand paper, filling the voids with chalk / plaster of Paris and then painting with weather coat of approved make. (S.I.No. 38-a/p-56)(A+B+B) (Three coats) | 2211.90  Sft | 2567/95 | %sft | 56800/- |
| 35 | Extra labour for external surface for distemper / paint / white wash / colour wash / weather coat above 20’0 height using long ladder or jhoola for each coat (for every 10’0 additional height). (S.I.No. 42/p56). | 21777.96  Sft | 228/09 | %sft | 49673/- |
| 36 | Painting new surfaces:-  © preparing surface and painting of doors and windows any type. (including edges).(S.I.No.5-c-i-ii-iii/p-70) (Three coats) | 2800.00  Sft | 2116/41 | %sft | 59259/- |
| 37 | Painting new surfaces:  (d) preparing surface and painting guard bars, gates of iron bars, gratings, railings (in/c standards braces. Etc.) and similar open work. (S.I.No.5-d- i-ii-ii/p-70)  (i)priming coat  (ii)each subsequent coat of paint .  (Three coats) | 270.00  Sft | 1270/83 | p-sft | 343124/- |
| 38 | Bitumen coating to plastered or cement concrete surface.(S.I.No.9/P-71) | 953.16 | 778/09 | %sft | 7416/- |
| 39 | Dump proof course with cement sand Ratio (1:2) mixed with dampo.(S.I.No.69 b/p-107) | 1355.00  Sft | 2401/78 | %sft | 32544/- |
| 40 | Hard wood railing of any shape and design i/c bends and corners fixed in position i/c polishing complete as directed (S.I.30 a/p-62) | 60.00  Rft | 375/78 | p-rft | 22547/- |
|  | TOTAL PART-A |  |  |  | 16395937/- |
|  |  |  |  |  |  |
|  | **GRAND TOTAL -A** |  |  |  |  |
|  | **PART B S.I (CIVIL WORK )** |  |  |  |  |
| 1 | Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastenings i/c cost of binding wire (also includes removal of rust from bars). (S.I.8-b/p-17)  b) Using Tor bars. | 1178.63 | 5001/70 | p-cwt | 5895154/- |
| 2 | P/F iron steel grill using solid square bars of size ½”x1/2” placed at 4” in/c and frame of flat iron patty of ¾”x3/4” in/c circle shape at 1-0 apart equivalent fitted with screws are pins in/c painting 3-coats with ist coat of red oxide paint etc.(S.I.No.30/p-94) | 1159.00  Sft | 194/16 | p-sft | 225031/- |
| 3 | Making & fixing steel grated door with 1/16” thick sheeting including angle iron frame 2”x2” 3/8” and ¾” square bars 4” centre to centre with locking arrangement. (S.I.No. 24/92) | 135.00  Sft | 726/72 | p-sft | 98107/- |
|  | **TOTAL PART-B** |  |  |  | **6218292/-** |
|  |  |  |  |  |  |
|  | **TOTAL PART-B** |  |  |  |  |
|  | **PART C S.I (CIVIL WORK)** |  |  |  |  |
| 1 | Laying floor of approved with glazed tile ¼” thick in white cement 1:2 over ¾” thick cement mortar 1:2 complete. (S.I.No.24/p-43) | 781.50  Sft | 27678/86 | %sft | 216310/- |
| 2 | Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints.(S.I.No.28a/p-43).  a)3/4” thick flooring. | 11014.77  Sft | 567/48 | p-sft | 6250662/- |
| 3 | white glazed tiles ¼” thick dado jointed in white cement and laid over 1:2 cement sand mortar ¾” thick in/c finishing.(S.I.No.37/p-45) | 3100.64  Sft | 28253/61 | %sft | 876043/- |
| 4 | P/F 3/8” thick marble tiles of approved quality and color shade size 8”x4/6”x4” in dado skirting & facing removal/tucking of existing plaster surface etc over ½” thick base of cement mortar 1:3 setting mortar base in/c filling the joints and washing the tiles with white cement slurry current finishing cleaning and polishing etc complete (S.I.68/p-49)  i)For new work. | 1519.80  Sft | 186/04 | p-sft | 282744/- |
| 5 | P/F cement paving blocks flooring having size of 197x 97 x60 (mm) of city / quddra / cobble shape with natural colour, having strength b/w 5000 psi to 8500 psi in/c filling the joints with hill sand and laying in specified manner / pattern and design etc. complete. (S.I.No.71/p-49) | 724.71  Sft | 199/77 | p-sft | 144775/- |
| 6 | P/L tiles glazed 6”x6”x1/4” on floor or wall facing in required colour and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar ¾” thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and  cost of wax polish etc complete in/c cutting tiles to proper profile.(S.I.60/p-47)  . | 2478.19  Sft | 30509/77 | %sft | 756090/- |
| 7 | P/F in position doors windows and ventilators of first class deodar wood frames, and 1-1/2” thick and teak wood ply shutter of first class deodar wooed skeleton(solid) stiled and ply wood stiled and rails core  of partal wood and teak ply wood (3 Ply) on both sides i/c hold fasts hinges iron tower bolts, handles and cleats with cord etc complete.(S.I.No.51/p-64 (-) S.I.No 25b/p-61) (1245/96 (-)370/83 = 875/13 | 1232.00  Sft | 875/13 | p-sft | 1078160/- |
| 8 | S/F in position aluminium channels framing for sliding windows and ventilators of alcop made with 5mm thick tinted glass glazing (Belgium) and aluminium ply screen in/c handles stopper and  locking arrangement etc complete (S.I.No.84/p-108).  b)Deluxe model (Bronze) | 979.00  Sft | 1647/69 | p-sft | 1613089/- |
| 9 | S/F in position aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks in/c handles, stoppers etc. (S.I.No.83/p-108)  b)Deluxe model (Bronze) | 464.00  Sft | 1507/66 | p-sft | 699554/- |
|  | **Total Rs.** |  |  |  | **11917427/-** |
|  |  |  |  |  |  |
|  | **Total-C** |  |  |  |  |
|  | **Total (A to C)** |  |  |  |  |

CONDITION.

1)Any typographical error in the rates are subject to the correction according

to the schedule of rates vol-III, part-III (General) for finished items of work

in-forced from 12-07-2012 approved by Standing Rates Committee Sindh

Karachi.

2)Arbitration Clause stands deleted from the agreement .

3)100% well graded crushed bajri shall be used in items of RCC 1:2:4.

4)Water shall be arranged by the Contractor at Site or work with-out any

extra payment.

5)No premium shall be paid on Non schedule items.

6)No cartage will be paid on any items of work/materials either supplied

by the department or arranged by the Contractor.

7)All RCC/CC cost in situ shall be mechanically vibrated.

8)CC block shall be machine made.

9)All buildings, debris and surplus stuff not required for use and construction

shall be removed from the Site in the suitable disposable off by the Contractor

for which no extra cost of cartage shall be paid.

CONTRACTOR.

SUB ENGINEER

Sd/- Sd/-

ASSISTANT ENGINEER EXECUTIVE ENGINEER

PROVL.BLDGS.SUB DIVISION-X PROVINCIAL.BLDGS.DIVISION-III

KARACHI KARACHI