

**Quotation for Construction of Piggery Demonstration Unit (80 sqm plinth area) at KVK Farm, Tupul, Tamenglong District**

| SL. NO. | DESCRIPTION OF ITEM   | QNTY   | UNIT | RATE                |                   | AMOUNT<br>(Rs.) |
|---------|---|--------|------|---------------------|-------------------|-----------------|
|         |   |        |      | in figures<br>(Rs.) | in words (Rupees) |                 |
| 1       | Earth work in excavation in foundation trenches or drains i/c dressing of sides and ramming of bottoms,including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m<br>b)Hard /dense soil. | 74.79  | cum  |                     |                   |                 |
| 2       | Filling available excavated earth (excluding rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming & watering lead upto 50m and lift upto 1.5m.                | 24.93  | cum  |                     |                   |                 |
| 3       | Filling in plinth with sandy soil under floor including watering , ramming, consolidating and dressing complete.  | 23.08  | cum  |                     |                   |                 |
| 4       | P/L cement concrete in foundation and plinth excluding the cost of centering and shuttering : - (a) 1:2:4 (1 cem :2 Coarse sand: 4 graded stone aggrt. 20mm nominal size).  | 2.29   | cum  |                     |                   |                 |
|         | (a) 1:4:8 (1 cem :4 Coarse sand: 8graded stone aggrt. 40mm nominal size).   | 4.97   | cum  |                     |                   |                 |
|         | (a) 1:5:10 (1 cem :5 Coarse sand: 10graded stone aggrt. 40mm nominal size).   | 21.77  | cum  |                     |                   |                 |
| 5       | 2nd class(local first class brickwork ) in foundation and plinth in cement mortar 1:3 (1 cement : 3 coarse sand)  | 12.66  | cum  |                     |                   |                 |
| 6       | Half brick work (local first class brickwork ) in cement mortar 1:3 (1 cement : 3 coarse sand)  | 108.89 | sqm  |                     |                   |                 |
| 7       | Reinforced cement concrete in foundation footing, base of columns etc and mass concrete, excluding centering, shuttering and reinforcement<br>b)1:1.5:3 (1cement :1.5 c/sand:3 gr. st. aggrt.20 mm n/size)                                      | 9.50   | cum  |                     |                   |                 |

|    |   |         |     |  |  |  |
|----|---|---------|-----|--|--|--|
| 8  | Reinforced cement concrete in columns, pillars, abutment, post and struts upto floor two level including finishing and plastering the exposed surface with c. m. 1:3 (1cem:3c/sand) of thickness not exceeding 6mm to give a smooth and even surface but excluding the cost of centering and shuttering and reinforcement -c) 1: 1.5 : 3 (1cement : 1.5 c/sand : 3 gr. st. aggrt. 20 mm n/size)   | 3.50    | cum |  |  |  |
| 9  | Reinforced cement concrete in suspended floors, roofs, landing, shelves & their supports, balconies, lintels, beams plinth beams, girders, bressumers and cantilevers upto floor two level including finishing and plastering the exposed surface with c. m. 1:3 (1cem:3c/sand) of thickness not exceeding 6mm to give a smooth and even surface but excluding the cost of centering and shuttering and reinforcement -(b) 1: 1.5 : 3 (1cem : 1.5 c/sand : 3 gr. st. aggrt. 20 mm n/size) | 10.64   | cum |  |  |  |
| 10 | Providing form work i/c centering & shuttering so as to give a rough finish strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4m and removal of the same for insitu reinforced concrete to and plain concrete work in a) Foundation, footings, bases of columns etc and mass concrete  | 48.64   | sqm |  |  |  |
|    | g) (i) columns, pillars, post and struts (square, rectangular or polygonal in plan  | 56.00   | sqm |  |  |  |
|    | (d) Sides and soffits of beam, beam haunching, cantilever, girders, bressumers and lintel not exceeding 1m depth  | 80.24   | sqm |  |  |  |
| 11 | Reinforcement for R.C.C. work including bending, binding and placing in position complete b.) Tor steel bars.   | 3183.84 | Kg  |  |  |  |
| 12 | 12mm cement plaster (a) 1:4 (1 cement : 4 coarse sand )   | 296.40  | sqm |  |  |  |
| 13 | 25 mm cement concrete flooring 1:2:4(1cement:2 coarse sand:4stone aggrt. 20mm & down gauge) finished with a floating coat of neat cement  | 59.97   | sqm |  |  |  |

|    |  |        |     |  |  |  |
|----|--|--------|-----|--|--|--|
| 14 | Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a coat of approved steel primer red oxide zinc chrome primer conforming to IS: 2079) welded and bolted including special shape washer etc complete a) Electric resistant welded tube (conforming to IS: 1611-1979)   | 942.12 | Kg  |  |  |  |
|    |  | 2.43   | sqm |  |  |  |
| 15 | Providing and fixing in position vertical collapsible steel shutter with vertical channels 20 mmx10 mmx2 mm and braced with flat iron diagonals 20 mmx 5 mm sizes with top and bottom rails of T iron 40 mmx40 mmx6 mm with 38 mm dia steel pulleys complete with bolts and nuts , locking arrangements, stopper, handles including appying a priming coat of lead paint | 65.44  | sqm |  |  |  |
|    |  |        |     |  |  |  |
| 16 | C.G.I. sheet 24 B.G. fixed with galvanised iron J or L hooks 8mm dia G.I. limpet and bitumen washer complete, excluding the cost of purlins, rafter and trusses.   | 9.68   | Rm  |  |  |  |
|    |  |        |     |  |  |  |
| 17 | Ridges and valleys 610 mm overall in plain G.I. sheets 24 BG fixed with galvanised iron J or L hooks 8 mm dia. Limpet and bitumen washers complete.  | 5.36   | sqm |  |  |  |
|    |  |        |     |  |  |  |
| 18 | 25 mm plank walling (Tolhao Local best quality) overlapping joints etc. fitting and fixing with necessary screws and nails complete iuncluding cost of frame work  | 7.85   | sqm |  |  |  |
|    |  |        |     |  |  |  |
| 19 | P/F 20 mm thick plank as eave board with -Tolhao/ Uchan wood   |        |     |  |  |  |
| 20 | Land development:  |        |     |  |  |  |
|    | Excavation in hill cutting including disposal of excavated earth lead upto 50m and lift upto 1.5m diosposed soil to be levelled and neatly dressed a) ordinary rock  | 265.85 | cum |  |  |  |
|    | TOTAL  |        |     |  |  |  |

(Rupees.....)

Signature of Executive Engineer:

Seal:

**Quotation for Construction of Piggery Demonstration Unit (80 sqm plinth area) at KVK Farm, Tupul, Tamenglong District**

| SL. NO. | DESCRIPTION OF ITEMS   | QNTY    | UNIT | RATE                |                   | AMOUNT<br>(Rs.) |
|---------|--|---------|------|---------------------|-------------------|-----------------|
|         |  |         |      | in figures<br>(Rs.) | in words (Rupees) |                 |
| 1       | Earth work in excavation in foundation trenches or drains i/c dressing of sides and ramming of bottoms,including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m<br>b)Hard /dense soil.  | 71.53   | cum  |                     |                   |                 |
| 2       | Filling available excavated earth (excluding rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming & watering lead upto 50m and lift upto 1.5m.   | 23.84   | cum  |                     |                   |                 |
| 3       | Filling in plinth with sandy soil under floor including watering , ramming, consolidating and dressing complete.   | 21.45   | cum  |                     |                   |                 |
| 4       | P/L cement concrete in foundation and plinth excluding the cost of centering and shuttering : -1:5:10 (1 cem :5 Coarse sand: 10graded stone aggrt. 40mm nominal size).   | 11.83   | cum  |                     |                   |                 |
| 5       | Reinforcement for R.C.C.work including bending,binding and placing in position complete b) Tor steel bars.   | 1053.27 | Kg   |                     |                   |                 |
| 6       | Providing form work i/c centering & shuttering so as to give a rough finish strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4m and removal of the same for insitu reinforced concrete to and plain concrete work in a) Foundation, footings, bases of columns etc and mass concrete | 27.72   | sqm  |                     |                   |                 |

|    |   |       |     |  |  |  |
|----|---|-------|-----|--|--|--|
|    | g) (i) columns, pillars, post and struts (square, rectangular or polygonal in plan  | 40.46 | sqm |  |  |  |
|    | (d) Sides and soffits of beam,beam haunching, cantilever, girders, bressumers and lintel not exceeding 1m depth   | 82.31 | sqm |  |  |  |
| 7  | Reinforced cement concrete in foundation footing, base of columns etc and mass concrete, excluding centering, shuttering and reinforcement b)1:1.5:3 (1cement :1.5 c/sand:3 gr. st. aggrt.20 mm n/size)   | 4.47  | cum |  |  |  |
| 8  | Reinforced cement concrete in columns, pillars, abutment,post and struts upto floor two level including finishing and plastering the exposed surface with c. m. 1:3 (1cem:3c/sand) of thickness not exceeding 6mm to give a smooth and even surface but excluding the cost of centering and shuttering and reinforcement -c) 1: 1.5 : 3 (1cement : 1.5 c/sand : 3 gr. st. aggrt. 20 mm n/size)  | 1.62  | cum |  |  |  |
| 9  | Reinforced cement concrete in suspended floors,roofs,landing, shelves & their supports, balconies, lintels, beams plinth beams, girders, bressumers and cantilevers upto floor two level including finishing and plastering the exposed surface with c. m. 1:3 (1cem:3c/sand) of thickness not exceeding 6mm to give a smooth and even surface but excluding the cost of centering and shuttering and reinforcement -(b) 1: 1.5 : 3 (1cem : 1.5 c/sand : 3 gr. st. aggrt. 20 mm n/size) | 7.68  | cum |  |  |  |
| 10 | 2nd class(local first class brickwork ) in foundation and plinth in cement mortar 1:3 (1 cement : 3 coarse sand)  | 24.64 | cum |  |  |  |
| 11 | Half brick work (local first class brickwork ) in cement mortar 1:3 (1 cement : 3 coarse sand)  | 35.40 | sqm |  |  |  |
|    |   |       |     |  |  |  |

|    |  |         |      |  |  |  |
|----|--|---------|------|--|--|--|
| 12 | Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a coat of approved steel primer red oxide zinc chrome primer conforming to IS: 2079) welded and bolted including special shape washer etc complete a) Electric resistant welded tube (conforming to IS: 1611-1979) | 1459.45 | Kg   |  |  |  |
| 13 | Providing woodwork in frames of doors, windows, clestory windows & other frames wroughttt framed, & fixed in position a) Local best Uningthou  | 1.53    | cum  |  |  |  |
| 14 | P/F 38mm thick paneled, glazed or panelled and glazed shutters for doors windows and c/windows i/c bright finish or black enameled MS iron butt hinges with necessary screws (a) Local best quality Uningthou wood   | 6.30    | sqm  |  |  |  |
| 15 | C.G.I. sheet 24 B.G. fixed with galvanised iron J or L hooks 8mm dia G.I. limpet and bitumen washer complete, excluding the cost of purlins, rafter and trusses.   | 139.24  | sqm  |  |  |  |
| 16 | Ridges and valleys 610 mm overall in plain G.I. sheets 24 BG fixed with galvanised iron J or L hooks 8 mm dia. Limpet and bitumen washers complete.  | 12.90   | Rm   |  |  |  |
| 17 | 12mm cement plaster (a) 1:4 (1 cement :4 coarse sand )   | 127.49  | sqm  |  |  |  |
| 18 | White washing with lime on new work (three or more coats) to give an even shade  | 127.49  | sqm  |  |  |  |
| 19 | Providing and fixing MS sliding bolts bright finished or black enamelled with nuts and screws complete a)300x16 mm   | 3       | Nos. |  |  |  |
| 20 | Providing and fixing MS handles with necessary screws etc. complete a) 125 mm  | 6       | Nos. |  |  |  |

|    |  |        |       |  |  |  |
|----|--|--------|-------|--|--|--|
|    |  |        |       |  |  |  |
| 21 | P/F 20 mm thick plank as eave board with -a) Uningthou wood  | 12.88  | sqm   |  |  |  |
|    |  |        |       |  |  |  |
| 22 | 25 mm plank walling (Tolhao Local best quality) and Tolhao wood beading 62mm x 12 mm i/c fitting and fixing with necessary screws and nails ( frame work to be paid separately)  | 2.96   | sqm   |  |  |  |
|    |  |        |       |  |  |  |
| 23 | Supplying & fixing 3mm galvanised iron wire 100x100mm mesh made up into mattress of cage, lapped ire and laid in position i/c classing after fitting   | 78.05  | sqm   |  |  |  |
| 24 | Providing 40x3 mm flat iron hold fast40 cm long i/c fixing to frames with 10 mm dia bolts nut & wooden plugs 7 & embedding to cement concreter block 30x10x15 cm 1:3:6 (1 cement :3 Coarse sand: 16 graded stone aggrt. 20mm nominal size) | 88     | Nos.  |  |  |  |
|    |  |        |       |  |  |  |
| 25 | Applying readymixed priming coat pink primer of appd. qty on wood work.  | 39.39  | sqm   |  |  |  |
|    |  |        |       |  |  |  |
| 26 | P/F M.S. tower bolts (barrel type) with necessary screws etc.complete (a) 250x10mm   | 12     | Nos.  |  |  |  |
|    |  |        |       |  |  |  |
| 27 | 25 mm cement concrete flooring 1:2:4(1cement:2 coarse sand:4stone aggrt. 20mm & down gauge) finished with a floating coat of neat cement   | 73.93  | sqm   |  |  |  |
|    |  |        |       |  |  |  |
| 28 | Land development: Excavation in hill cutting including disposal of excavated earth lead upto 50m and lift upto 1.5m diosposed soil to be levelled and neatly dressed a) ordinary rock  | 184.00 | Cum   |  |  |  |
|    |  |        |       |  |  |  |
|    | <b>Internal Electrical installation</b>  |        |       |  |  |  |
| 29 | Wiring for light point with 1.5 mm <sup>2</sup> PVC insulated Al.cond. Cable in presto plast cassing & capping etc. as reqd b)Md Pt.   | 4      | point |  |  |  |
|    |  |        |       |  |  |  |

|    |   |     |       |  |  |  |
|----|---|-----|-------|--|--|--|
| 30 | Wiring for 3 pin 5 amp plug point with 1.5mm <sup>2</sup> PVC insulated Al cond. Cable presto plast cassing & capping etc i/c P/F 3 pin 5 ampsocket outlet and T/ switch board earthing the 3rd pin as reqd<br>h)Md Pt                    | 4   | point |  |  |  |
| 31 | Wiring for 3 pin 15 amp plug point with 4mm <sup>2</sup> PVC insulated Al cond. Cable presto plast cassing & capping etc i/c P/F 3 pin 15 ampsocket outlet and T/ switch board earthing the 3rd pin as reqd<br>h)Short Pt                 | 6   | point |  |  |  |
| 32 | Wiring for circuit wiring with 2x1.5mm <sup>2</sup> PVC insulatyed Al. cond. s/core cablepresto plast cassing & capping etc as reqd   | 40  | Mtr   |  |  |  |
| 33 | Wiring for sub-main with 2x2.5mm <sup>2</sup> PVC insulatyed Al. cond. s/core cablepresto plast cassing & capping etc as reqd   | 40  | Mtr   |  |  |  |
| 34 | Wiring for sub-main with 2x4mm <sup>2</sup> PVC insulatyed Al. cond. s/core cablepresto plast cassing & capping etc as reqd   | 82  | Mtr   |  |  |  |
| 35 | P/F 6 way 6-32 amp. SP MCBS with 40 amp. DP- isolator 240/415 V fitted with bus bar & neutral link on 4 way sheet steel enclosure suitable for Havelli's MCBS i/c drilling holes on the board connection, earthing the body etc. as reqd. | 1   | Each  |  |  |  |
| 36 | P/F 4.06 (88WG) dia copper on surface or in recess for loop earthing etc as reqd  | 70  | Mtr   |  |  |  |
| 37 | P/F 4'-40 W tube fittings complete with choke, starter and bulbed with fully wired (single)   | 4   | each  |  |  |  |
| 38 | P/F service main with 2x10mm <sup>2</sup> PVC insulatyed Al. cond. s/core cablepresto plast cassing & capping etc as reqd   | 200 | Mtr   |  |  |  |

|    |  |   |     |  |  |  |
|----|--|---|-----|--|--|--|
| 39 | Earthing with GI earth pipe with 4.5mtrs long & 40mm dia with masonry enclosure on the top as required | 1 | set |  |  |  |
|    | TOTAL  |   |     |  |  |  |

(Rupees.....)

Signature of Executive Engineer:

Seal:

**Quotation for Construction of KVK Compound fencing (808 Rm) for KVK Farm, Tupul, Tamenglong District**

| SI. No. | Description of Items  | Qty  | Unit | Rate                |                   | Amount<br>(Rs.) |
|---------|---|------|------|---------------------|-------------------|-----------------|
|         |   |      |      | in figures<br>(Rs.) | in words (Rupees) |                 |
| 1       | Earth work in excavation in foundation trenches or drains i/c dressing of sides and ramming of bottoms,including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m<br>b)Hard /dense soil. | 1.94 | cum  |                     |                   |                 |
| 2       | Filling available excavated earth (excluding rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming & watering lead upto 50m and lift upto 1.5m.                | 0.65 | cum  |                     |                   |                 |
| 3       | P/L cement concrete in foundation and plinth excluding the cost of centering and shuttering : - (a) 1:2:4 (1 cem :2 Coarse sand: 4 graded stone aggrt. 20mm nominal size).  | 0.65 | cum  |                     |                   |                 |
|         | (b) 1:5:10 (1 cem :5 Coarse sand: 10graded stone aggrt. 40mm nominal size).   | 0.49 | cum  |                     |                   |                 |

|                                 |   |        |          |  |  |  |
|---------------------------------|---|--------|----------|--|--|--|
|                                 |   |        |          |  |  |  |
| 4                               | P/F 1.80 m long R.C.C. fencing post with 6mm dia bar nibs (earth work and concrete to be paid separately)   | 8      | per post |  |  |  |
| 5                               | P/F 2.00 m long R.C.C. fencing struts (earth work and concrete to be paid separately)   | 4      | per post |  |  |  |
| 6                               | P/F turn buckles and straining bolts of barbed wire fencing   | 12     | per post |  |  |  |
| 7                               | 1.20 m high fencing 1.80 m R.C.C. post 3.0 m centre to centre and R.C.C. struts with 6 (six) horizontal lines and two (2) diagonals of galvanised steel barbed wires weighing 9.38 Kg/100 Rm (minimum) strained and fixed to post by tying to 6.00 mm galvanised steel bar nibs/clips with G.I. binding wire( cost of RCC post & struts , and straining bolts shall be paid separately) | 108.80 | m        |  |  |  |
| <b>Total for 12.60 m length</b> |   |        |          |  |  |  |
| For 1.00 m length               |   |        |          |  |  |  |
| For 808.00 m length             |   |        |          |  |  |  |
|                                 |   |        |          |  |  |  |

(Rupees.....) only

Signature of Executive Engineer:

Seal:

**Quotation for Construction of KVK Compound fencing (808 Rm) for KVK , Ukhru District**

| SL. NO. | DESCRIPTION OF ITEMS  | QNTY | UNIT     | RATE                |                   | AMOUNT<br>(Rs.) |
|---------|---|------|----------|---------------------|-------------------|-----------------|
|         |   |      |          | in figures<br>(Rs.) | in words (Rupees) |                 |
| 1       | Earth work in excavation in foundation trenches or drains i/c dressing of sides and ramming of bottoms,including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m<br>b)Hard /dense soil. | 1.94 | cum      |                     |                   |                 |
| 2       | Filling available excavated earth (excluding rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming & watering lead upto 50m and lift upto 1.5m.                | 0.65 | cum      |                     |                   |                 |
| 3       | P/L cement concrete in foundation and plinth excluding the cost of centering and shuttering : - (a) 1:2:4 (1 cem :2 Coarse sand: 4 graded stone aggrt. 20mm nominal size).  | 0.65 | cum      |                     |                   |                 |
|         | (b) 1:5:10 (1 cem :5 Coarse sand: 10graded stone aggrt. 40mm nominal size).   | 0.49 | cum      |                     |                   |                 |
| 4       | P/F 1.80 m long R.C.C. fencing post with 6mm dia bar nibs (earth work and concrete to be paid separately)   | 8    | per post |                     |                   |                 |
| 5       | P/F 2.00 m long R.C.C. fencing struts (earth work and concrete to be paid separately)   | 4    | per post |                     |                   |                 |
| 6       | P/F turn buckles and straining bolts of barbed wire fencing   | 12   | per post |                     |                   |                 |
|         |   |      |          |                     |                   |                 |

|                                 |   |        |   |  |  |  |
|---------------------------------|---|--------|---|--|--|--|
| 7                               | 1.20 m high fencing 1.80 m R.C.C. post 3.0 m centre to centre and R.C.C. struts with 6 (six) horizontal lines and two (2) diagonals of galvanised steel barbed wires weighing 9.38 Kg/100 Rm (minimum) strained and fixed to post by tying to 6.00 mm galvanised steel bar nibs/clips with G.I. binding wire( cost of RCC post & struts , and straining bolts shall be paid separately) | 108.80 | m |  |  |  |
| <b>Total for 12.60 m length</b> |   |        |   |  |  |  |
| For 1.00 m length               |   |        |   |  |  |  |
| For 808.00 m length             |   |        |   |  |  |  |
|                                 |   |        |   |  |  |  |

(Rupees.....) only

Signature of Executive Engineer:

Seal: