

Lutheran World Service India Trust

H.O: 84, Dr. Suresh Sarkar Road,
Kolkata-700014, West Bengal

Ref. No.: LWSIT/Phailin-Odisha/2014

Date:26.05.2014

INVITATION TO BID (ITB)

Lutheran World Service India Trust (LWSIT) invites sealed quotations for construction of 40 nos. permanent houses under Cyclone Phailin Response project in Ganjam district of Odisha. The bid should be addressed to **The Executive Director, Lutheran World Service India Trust, 84 Dr. Suresh Sarkar Road, Kolkata – 700014.**

The details of the work as follows:

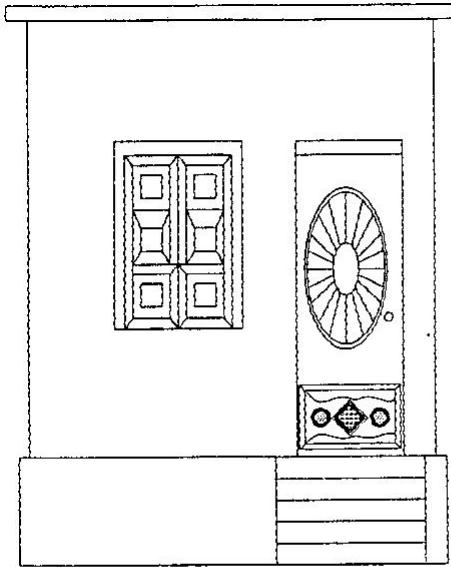
DETAILED PLAN OF HOUSING

- 1) Earth work excavation in foundation including initial lead and lift.
Wall – 53'-6" x 2'-6" x 2'-6" = 334.37 Cft.
Or say 9.46 cum.
 - 2) Sand Filling – 53'-6" x 2'-6" x 0'-6" = 66.87 Cft.
Or say 1.89 cum.
 - 3) Cement concrete (1:3:6) using 40mm size h.b.g. metal in foundation.
Wall – 53'-6" x 2'-6" x 0'-6" = 66.87 cft.
Or say 1.89 cum.
 - 4) K. B. Bricks (1:6) in foundation and plinth.
1st footing – 56'-6" x 1'-10.5" x 0'-6" = 52.96
2nd footing – 56'-6" x 1'-6" x 0'-6" = 42.37
3rd Footing – 56'-6" x 1'-1.5" x 0'-6" = 31.78
4th Footing- 56'-6" x 1'-1.5" x 2'-0" = 126.56
253.67 cft.
Or say 7.16 cum.
 - 5) R.C.C. work in cement concrete (1:2:4) using 12mm size h.b.g. chips including cost of centering Shuttering and false work etc.
Plinth band – 56'-6" x 1'-1.5" x 0'-4" = 21.18
Lintel G.F. – 53'-6" x 0'-9" x 0'-6" = 20.06
Chajj – 3 x 4'-0" x 1'-6" x 0'-2" = 3.00
Slab – 9'-6" x 17'-3" x 0'-4" = 54.62
98.86 cft.
Or say 2.79 cum.
 - 6) 1st class brick work (1:6) using K.B. Bricks having Crushing strength 120kg/cm² in super structure.
Wall – G.F.- 53'-6" x 9'-0" x 0'-9" = 361.12
361.12
- DEDUCTION: -
Door – D-3 x 3'-0" x 6'-0" = 54
Window – W-1 x 3'-0" x 4'-0" = 12

- | | |
|---|---|
| | <u>66 x 0'-9" = 49.5 Cft.</u> |
| Total brick work – | 311.62 cft.
Or say 8.82 cum. |
| 7) 12mm thick plastering (1 : 5) To brick work after Racking out joints. | |
| Wall G.F. – 53'-6" x 9'-0" x 2 | = 481.5 |
| Outside plinth area - 62'-6" x 2'-6" | = 156.25 |
| Ceiling (Below Roof) | = 120.00 |
| | <u>757.75 sft.</u> |
| Deduction - | -99.00 sft. |
| | <u>658.75 sft.</u>
Or say 61.19 sqm. |
| 8) a) Door 1 No. frame Hard Wood (Non Sal) and Shutter one leaf Akasia (size - 3' x 6') including paints | |
| b) Steel Door 1 No. Steel M.S Angle 30mm x 30mm x 6mm thick One leaf (size - 3' x 6') including paints | |
| c) Steel Window 1 No. Steel M. S Angle 25mm x 25mm x 6mm thick Two leaf (Size - 3' x 4') including paints | |
| 9) Sand filling watering and ramming to proper compaction inside plinth. | |
| Living Room - 10'-0" x 8'-0" | = 80 |
| Kitchen - 5'-0" x 8'-0" | = 40 |
| | <u>120 x 2'-0" = 240 cft.</u>
Or say 6.79 cum. |
| 10) Bricks Flat Soling 120 sft. x 0'-3" | = 30 cft.
Or Say 0.84 Cum. |
| 11) Cement Concrete (1:4:8) in flooring using 20mm size stone chips top of brick soling. | |
| = 163.92 x 0'-2" | = 27.32 cft.
Or say 0.77 cum. |
| 12) Two coat Cement Paints as per instruction & Door/Window Asian Paints | |
| Wall - | 361.12 |
| Ceiling- | 163.92 |
| | <u>525.04 sft.</u>
Or say 48.77 sqm. |
| 13) Tor Steel reinforcement including cost of cutting, Bending, binding etc.= 4.15 Qtl. | |

Total Square Foot: 163.875 (buildup area)

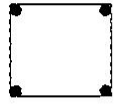
DESIGN:



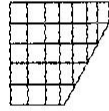
NOTE



PLINTH BEND-11'-1/2 STIRRUP
 MAIN ROD 10MM - 3NOS.
 DISTRIBUTION 8MM@7" C/C

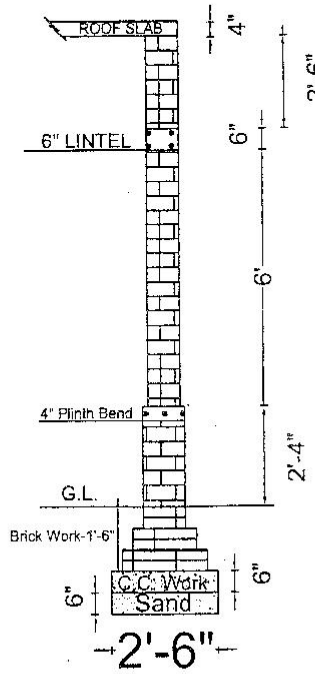
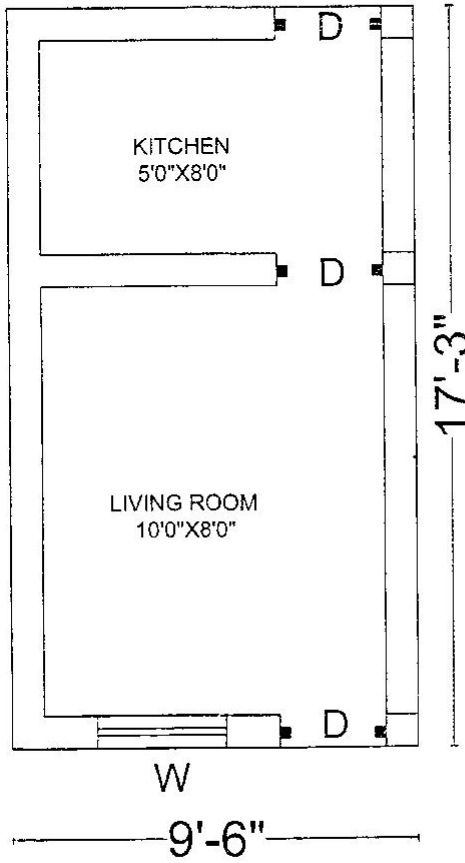


LINTEL BEAM
 TOP - 10MM-2NOS.
 BOTTOM-10MM-2NOS.
 STIRRUP 8MM@7" C/C



ROOF SLIB - 4" THICK
 MAIN ROD 8MM @ 7" C/C
 DISTRIBUTION 8MM @7" C/C

DOOR - 6'-0 X 3'-6" =2NOS.
 WINDOW 4'-0 X 3'-0 =1NOS.



honary
(Signature)
 13/5/19
 Assistant Engineer
 Chatrapur Block

Work Schedule

1	Demarcation with Layout, Earthwork in foundation & sand filling & PCC(1:4:8) 40 mm size H.G.metal with watering & proper ramming in foundation as per designed
2	Brick work up to G.L. in 1:5 cementer mortar with proper curing & back filling as per designed.
3	Brick work up to P.L. in 1:5 cement mortar with proper curing & back filling as per designed.
4	RCC (1:2:4) on plinth using 12 mm stone chips with centering,suttering, proper curing, sand filling in plinth with watering & proper ramming as per designed
5	Brick 1 : 5 cement mortar up to superstructure with proper curing as per designed
6	RCC (1:2:4) lintel using 20 mm stone chips with centering,suttering and proper curing, as per designed
7	RCC (1:2:4) work using 20 mm stone chips for Casting of roof slab including Rod bending& binding, Centering & Shuttering with proper curring etc. complete as per the drawing specification.
8	12 mm Ceiling Plastering with CM(1:3) , inside & Outside 12 mm wall Plastering with CM(1:4) with proper curing etc. complete as per designed
9	Two doors, one window and 2 ventilators fixing.
10	Brick flat soling with 120 sft 2" CC thick Flooring with neat cementing (1:2:4) 12mm size stone chips
11	Colour washing with good quality cem paints 2 coats over 1 coat of white paints.(super cem)
12	Painting of steel doors,wooden door and window with enamel paint
Quality & specification of Materials:	
1	1st class K.B.Brick
2	Cement 53 grade Ambuja or Ultra Tech or ACC brand
3	Medium river sand for brick masonary work
4	Fine river sand for plastering
5	Coarse sand for RCC
6	Rough sand filling up to plinth level
7	Steel Rod TATA standard or Jindal
8	Door 1 no.frame: Hard wood (Non sal) and shutter Akasia,Size 6' X 3'-0"
9	Steel Door 1 no.: Size 6' X3'- 0": Supply of Steel door 1 no.size 6'-0" X 3'-0" with 18 gauge of C.G.I Sheet Single leaf of Steel M.S angle 34 mm x 34 mm x 6 mm thick
10	Supply of window 1 no.size 4'-0" X 3'-0" (four folded) with 18 gauge of C.G.I Sheet Single leaf of Steel M.S angle 34 mm x 34 mm x 6 mm thick

11	Cement paint for wall & Asian paint for door & window
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TERMS AND CONDITIONS:

General:

- The proposed houses to be constructed by LWSIT and it's meant for poor families.Hence, maximum consideration in price is highly appreciable.
- The rate of house construction will be on the basis of “**square feet**” including of taxes, all materials and all others related expenses to complete the house. As per design maximum buildup area will be 163.875 square feet per house. However the size may vary from house to house depending upon the situation.
- The contractor should submit the copy of PAN Card (mandatory) and documents of successful construction works carried our earlier (if available).
- Lutheran World Service India Trust has reserve the rights to cancel the bids / contracts anyone or all without reason whats soever.
- Proposed work should be started by 2nd week of June 2014 and completed by 31st August 2014.

Closing Date for Receiving Quotations:

Sealed quotations must be submitted by hand or by post to Lutheran World Service India Trust, at 84, Dr. Suresh Sarkar Road, Kolkata – 700014 **by 04.06.2014 (date) within 17.00 hrs. (time)**. Any quotation received there after will not be considered.

Award of Contract:

Award of contract lies solely with the Buyer /as per decision of Management of Lutheran World Service India Trust.

Opening of quotation:

All the quotations will be opened at National Office at 84, Dr. Suresh Sarkar Road, Kolkata - 700014

Payment:

Payment will be released after completion of phase wise satisfactory work of no. of houses as follows:

Completion of 1 st phase work – Plinth level	10%
Completion of 2 nd phase work – Lintel	15%
Completion of 3 rd phase work – Super Structure	15%
Completion of 4 th phase work – RCC Roof	20%
Completion of 5 th phase work – All completed	40%

Thanking you,

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 DR. VIJAYAKUMAR JAMES
 Executive Director
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