## DEPARTMENT OF DISASTER MANAGEMENT <br> Revised Estimate of Construction of Disaster Resilient Houses'

| Sl. | Description of item |  | Length(M) | Breadth(M) | Height(M) | Qty. | Unit | Rate | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $\begin{aligned} & \text { Earthwork in excavation of foundation trenches, including layout, by excavating earth to } \\ & \text { the lines, grades and elevation as shown in the drawing providing center lines, local bench } \\ & \text { mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, } \\ & \text { carrying and disposing of all excavated materials at a safe distance designated by the E-I- } \\ & \text { C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, } \\ & \text { dressing and preparing the basee etc. all complete for an initial excavation depth of } 2 \mathrm{~m} \text { and } \\ & \text { an initial lead not exceeding 20m, incluing arranging all necessary tools and equipment } \\ & \text { at work site, etc. complete as per direction of the E-I-C. } \end{aligned}$ |  |  |  |  |  |  |  |  |
|  | Main room | 1 | $\times 19.55$ | $\times 0.45$ | $\times 0.45$ | 3.96 | Cum |  |  |
|  | Partition wall | 1 | $\times 3.00$ | $\times 0.45$ | $\times 0.45$ | 0.61 | Cum |  |  |
|  | Verandha | 2 | $\times 2.70$ $\times 2$ | $\times 0.45$ | × 0.45 | 1.09 | Cum |  |  |
|  |  | 1 | + 1.20 | $\times 0.45$ | × 0.45 | 0.24 | Cum |  |  |
|  | Kitchen With toilet | 1 | $\times 13.56$ | $\times 0.45$ | $\times 0.45$ $\times 0.45$ | 2.75 | Cum |  |  |
|  |  | 1 | + $\times 1.80$ | $\times 0.45$ | + $\times 1.45$ | 0.36 | Cum |  |  |
|  | Coridor | 2 | $\times 2.40$ | $\times 0.45$ | $\times 0.45$ | 0.97 | Cum |  |  |
|  | Back filling |  |  |  |  | 7.77 | Cum |  |  |
|  | Plinth area filling | 1 | $\times 6.10$ | $\times 3.00$ | $\times 0.30$ | 5.49 | Cum |  |  |
|  | Coridor | 1 | + 2.40 | $\times$ $\times 2.10$ $\times$ | + 0.30 | 1.51 | Cum |  |  |
|  | Kitchen With toilet | 1 | $\times 4.80$ | + 1.80 | + 0.30 | 2.59 | Cum |  |  |
|  |  |  |  |  |  | 27.35 | Cum | 126 | 3446.01 |
| 2 | Sand filling in foundation trenches and inside plinth with sand (minimum FM 0.80) in 150 mm layers in $/ \mathrm{c}$ leveling, watering and consolidating each layer up to finished level etc. all complete as per direction of the E-I-C. Dry density after compaction shall not be less than $95 \%$ of MDD (STD). |  |  |  |  |  |  |  |  |
|  | Plinth area filling | 1 | $\times 6.00$ | $\times 2.50$ | $\times 0.15$ | 2.25 | Cum |  |  |
|  | Coridor | 1 | $\times 2.40$ | $\times 2.10$ | $\times 0.15$ | 0.76 | Cum |  |  |
|  | Kitchen With toilet | 1 | $\times 4.10$ | $\times 1.40$ | × 0.15 | 0.86 | Cum |  |  |
|  |  |  |  |  |  | 3.87 | Cum | 635 | 2455.55 |
| 3 | Single layer brick flat soling with 1st class or picked bricks, true to level, camber/super elevation and grade including carrying bricks, filling the interstices tightly with sand of minimum FM 0.80 , etc. all complete as per direction of the E-I-C. |  |  |  |  |  |  |  |  |
|  | Plinth area filling | 1 | $\times 6.00$ | $\times 3.00$ |  | 18.00 | Sqm |  |  |
|  | Coridor | 1 | $\times 2.40$ | $\times 2.10$ $\times \quad 150$ |  | 5.04 | Sqm |  |  |
|  | Kitchen With toilet | 1 | $\times 4.10$ | + $\times 1.50$ |  | 6.15 | Sqm |  |  |
|  |  |  |  |  |  | 29.19 | Sqm | 420 | 12259.80 |
| 4 | Cement concrete work (1:3:6) in foundation. |  |  |  |  |  |  |  |  |
|  |  | 1 | $\times 19.55$ | $\times 0.38$ | $\times 0.075$ | 0.56 | Cum |  |  |
|  |  | 1 | $\times 3.00$ | + 0.38 | $\times 0.075$ | 0.09 | Cum |  |  |
|  |  | 2 | $\times 2.70$ | $\times 0.38$ $\times 0$ | $\times 0.075$ | 0.15 | Cum |  |  |
|  |  |  | $\times 1.20$ | $\times 0.38$ | $\times 0.075$ | 0.03 | Cum |  |  |
|  |  |  |  |  |  | 0.83 | Cum | 6647 | 5522.16 |
| 5 | Brick work with 1st class bricks in cement mortar (1:6) in foundation and plinth with Portland Composite cement (CEM II/AM, 42.5 N ) and best quality sand (minimum FM1.2), filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. |  |  |  |  |  |  |  |  |
|  | Main room | 1 | $\times 19.55$ | $\times 0.38$ | $\times 0.150$ | 1.11 | Cum |  |  |
|  | Partition wall | 1 | $\times 3.00$ | + 0.38 | $\times 0.150$ | 0.17 | Cum |  |  |
|  | Verandha | 2 | $\times 2.70$ | + 0.38 | $\times 0.150$ | 0.31 | Cum |  |  |
|  |  | 1 | $\times 1.20$ | $\times 0.38$ | $\times 0.150$ | 0.07 | Cum |  |  |
|  | Kitchen With toilet | 1 | $\times 13.56$ | $\times 0.38$ | $\times 0.150$ | 0.77 | Cum |  |  |
|  |  | 1 | $\times 1.80$ | $\times 0.38$ | $\times 0.150$ | 0.10 | Cum |  |  |
|  | Coridor | 2 | $\times 2.40$ | $\times 0.38$ | $\times 0.150$ | 0.27 | Cum |  |  |
|  | Main room | 1 | + 19.55 | $\times 0.25$ | $\times 0.750$ | 3.67 | Cum |  |  |
|  | Partition wall | 1 | + 3.00 | $\times 0.25$ | $\times 0.750$ | 0.56 | Cum |  |  |
|  | Verandha | 2 | + $\times 2.70$ | $\times 0.25$ | $\times 0.750$ | 1.01 | Cum |  |  |
|  |  | 1 | $\times 1.20$ | $\times 0.25$ | $\times 0.750$ | 0.23 | Cum |  |  |
|  | Kitchen With toilet | 1 | $\times 13.56$ | $\times 0.25$ | $\times 0.750$ | 2.54 | Cum |  |  |
|  |  | 1 | $\times 1.80$ | $\times 0.25$ | $\times 0.750$ | 0.34 | Cum |  |  |
|  | Coridor | 2 | $\times 2.40$ | $\times 0.25$ | $\times 0.750$ | 0.90 | Cum |  |  |
|  | 10"x10" brick pillar | 14 | $\times 0.25$ | $\times 0.25$ | $\times 2.700$ | 2.36 | Cum |  |  |
|  | Stair | 3 | $\times 3.00$ | $\times 0.25$ | $\times 0.225$ | 0.51 | Cum |  |  |
|  |  |  |  |  |  | 14.925 | cum | 6443 | 96162.06 |
|  |  |  |  |  |  |  |  |  |  |





