|  |  |  |
| --- | --- | --- |
|   | **ABSTRACT ESTIMATE OF THE PROPOSED WOMEN'S HOSTEL BUILDING FOR U.C.COLLEGE** |  |
|   | **Site At Karumallur Panchayath, Aluva west Village, Aluva Taluk, Ward No. XIII in Re.Sy. No. 2/2.** |  |
| **Plinth area- 927.46 m2 (9983.18 sq.ft )** |
| **Sl.No** | **Specification** | **Unit** | **Quantity** | **Rate** | **Amount** |  |
|  |  |  |  |  |  |  |
| 1 | Clearing grass and other over growths of vegitation and small/rubber treesetc. girth up to 30-60 cm including rooting out and removal of rubbish up to a distance of outside the periphery of the area cleared | **L.S** |  |  |  |  |
|   |   |   |  |  |  |  |
| 2 | Earth work excavation in All Classes of soil and depositing on bank with initial lead up to 0.50 cm and lift up to 1.80m including breaking clods,watering,ramming and sectioning of spoil bank etc complete | **m3** | **426.00** |  |  |  |
|   |   |   |   |  |  |  |
| 3 | P.C.C 1:4:8, using 20 & 40 mm metal including form work,ramming,watering,curing etc. for column footing and plinth beam base. | **m 3** | **70.00** |  |  |   |
|   |   |  |  |  |  |   |
| 4 | Red Earth filling inside the basement & Column Pits including ramming, watering, consolidation etc.  | **m 3** | **352.00** |  |  |   |
|   |   |   |   |  |  |   |
| 5 | Solid block masonry in cm 1:6 including scaffolding,watering, curing for basement, walls, parapet etc. |  |  |  |  |   |
|   | **G.FLOOR** | **m 3** | **231.00** |  |  |   |
|   | **F.FLOOR** | **m 3** |  |  |  |   |
|   | **H.ROOM** | **m 3** |  |  |  |   |
|   |  |  |  |  |  |   |
| 6 | R.C.C. 1:1.5:3 mix using 20 mm broken stone including all form works, scaffolding, watering, curing etc for columns,Plinth Beam lintel, sunshade,Beam,Stair case,slab etc.complete |  |  |  |  |   |
|   | **G.FLOOR** | **m 3** | **362.00** |  |  |   |
|   | **F.FLOOR** | **m 3** |  |  |  |   |
|   | **H.ROOM** | **m 3** |  |  |  |   |
|   |  |  |  |  |  |   |
| 6(a) | Providing Water cutting for Flat Sunshades including Plastering  |  |  |  |  |   |
|   | **G.FLOOR** | **RM** | **190.00** |  |  |   |
|   |  |  |  |  |  |   |
| 6(b) | Providing Thoomanam for Sloped Sunshade including Plastering |  |  |  |  |   |
|   | **G.FLOOR** | **RM** | **190.00** |  |  |   |
|   | **F.FLOOR** | **RM** |  |  |  |   |
|   |  |  |  |  |  |   |
| 7 | Supplying and fixing fully Panelled door with hard wood frame and shutters of std.design including all other necessary fittings. |   |   |  |  |   |
|   | **G.FLOOR** | **m2** | **40.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |   |  |  |  |  |   |
| 8 | Supplying and fixing fiber door of std.design for toilet including all other necessary fittings. |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **25.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   |   |   |   |  |  |   |
| 9 | Supplying and fixing fully glazed windows and ventilators with Hard wood frame and 4.m.m thk. Plain glass shutters of std.design including all necessery fittings. |   |   |  |  |   |
|   | **G.FLOOR** | **m2** | **101.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |   |  |  |  |  |   |
| 10 | Supplying and fixing M.S. Collapsible door of standered designs including painting after a priming coat. |   |   |  |  |   |
|   | **G.FLOOR** | **m2** | **21.00** |  |  |   |
|   |  |  |  |  |  |   |
| 11 | Fabricating supplying and Fixing M.S.Gril Window including painting after a priming coat for Dining Hall Passage Side |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **4.00** |  |  |   |
|   |  |  |  |  |  |   |
| 12 | Plastering the walls at all levels with cm 1:4 and 12 mm average thick floated hard and trowelled smooth including watering,curing etc.complete. |   |   |  |  |   |
|   | **G.FLOOR** | **m2** | **2675.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |   |  |  |  |  |   |
| 13 | Plastering to the under side of slabs & sunshades at all levels with c.m 1:3, 9 mm thick including charges for chipping & making the entire surface rough for plastering. |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **1168.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |  |  |  |  |  |   |
| 14 | Plastering with cm1:3, 15 mm thick for top of slabs & sunshades at all levels with one coat floated hard & troweled smooth including watering curing ctc complete. |  |   |  |  |   |
|   | **G.FLOOR** | **m2** | **507.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |  |   |  |  |  |   |
| 15 | Flooring with C.C 1:4:8,using 20 & 40mm metal including ramming, watering, curing, consoldation etc.complete | **m3** | **67.00** |  |  |   |
|   |  |   |   |  |  |   |
| 16 | Floor finishing with Viitrified Tile of with std.colour & size in cm 1:3 including pointing with coloured cement grout including Watering etc. complete |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **766.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   |  |  |  |  |  |   |
| 17 | Floor finishing with ceramic tiles of good quality over a base coat of c,m 1:3 and cement grout ,watering ,curing pointing with coloured cement etc.complete. |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **106.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   |  |  |  |  |  |   |
| 18 | Dadoing glazed tiles for toilet walls in C.M 1:3 including watering ,curing ,pointing with coloured cement etc. |   |  |  |  |   |
|   | **G.FLOOR** | **m2** | **298.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   |  |  |  |  |  |   |
| 19 | Floor Plastering for Ramp with c.m 1:3 , Including grout finishing including watering, curing etc.complete. | **m2** | **29.00** |  |  |   |
|   |   |  |  |  |  |   |
| 20 | Skirting with Vitrified Tile including rubbing, cleaning,watering etc,complete |  |  |  |  |   |
|   | **G.FLOOR** | **Rm** | **46.00** |  |  |   |
|   | **F.FLOOR** | **Rm** |  |  |  |   |
|   | **H.ROOM** | **Rm** |  |  |  |   |
|   |  |  |  |  |  |   |
| 21 | Painting Doors, Windows, Ventilators with synthetic enamel paint two coats over a base coat of wood and metal primer including rubbing,cleaning etc complete. |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **319.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |  |  |  |  |  |   |
| 22 | Supplying and fixing S.S handrails and ballustaiers of std. design including rubbing, buffing and polishing. |  |  |  |  |   |
|   | **G.FLOOR** | **RM** | **24.00** |  |  |   |
|   | **F.FLOOR** | **RM** |  |  |  |   |
|   |   |   |  |  |  |   |
| 23 | White cement washing two coat over the plasterd area and ceiling including scaffolding, rubbing ,curing ,cleaning etc. complete |  |  |  |  |   |
|   | **G.FLOOR** | **m2** | **3843.00** |  |  |   |
|   | **F.FLOOR** | **m2** |  |  |  |   |
|   | **H.ROOM** | **m2** |  |  |  |   |
|   |  |  |  |  |  |   |
| 24 | Providing Pest Control Treatment for inside the Basement & all around the Building 90 cm wide | **L.S** |  |  |  |   |
|   |  |  |  |  |  |   |
| 25 | Supplying and Fixing Solid Based Treatment unit (Waste) with Chimmeny | **L.S** |  |  |  |   |
|   |   |  |  |  |  |   |
| 26 | Supplying and Fixing Solar Energy System | **L.S** |  |  |  |   |
|   |   |  |  |  |  |   |
| 27 | Construction of Waste Pit size of 1.20x1.20x1.50 M Depth | **L.S** |  |  |  |   |
|   |   |  |  |  |  |   |
| 28 | Construction of Rain Water storage Tank & Filter  | **L.S** | **`** |  |  |   |
|   |   |  |  |  |  |   |
| 29 | Providing water supply and sanitary arrangements including, construction of septic tank, soak pit, inspection chamber,P.V.C. over head water tank, manhole,drainage etc. complete.  |   |  |  |  |   |
|   |  |   |  |  |  |   |
|   | **L S** |   |  |  |   |
|   |   |  |  |  |   |
|   |   |  |  |  |   |
| 30 | Electrification arrangements including I.S.I. mark conceled wiring and all other necessary fittings.(Excluding Fan and Lights) | **L S** |  |  |  |   |
|   |  |   |  |  |  |   |
| 31 | Unforseen charges if any |  |  |  |  |   |
|  |  |  |  |  |  |  |

Conditions:

1. The rate quoted shall be only for labour charges. Cement, steel, sand/m-sand and stones [metal], bricks/concrete blocks, tiles….[all materials] are supplied at site by the college.
2. For any extra items required, the rates should be negotiated and agreed before executing that work.
3. All tools, formwork, shuttering, plant and machineries shall be brought to site at the cost of contractor. All loading/unloading charges of such things must be paid by the contractor. Mixer and vibrator machines must be used for all concrete works.
4. Water and electricity will be supplied by the college. Water-curing of concrete-work, concrete-block-wall, plastering, flooring etc must be done by the contractor. Sand must be sieved before concreting, plastering & flooring
5. The contractor is responsible to study the site condition and plan of the work available at College office. Material requirements must be intimated 2 weeks in advance to the engineer.
6. The time period of work is 4 months from the date of starting. Incomplete work will cause 2% daily fine of its cost. The site must be cleared of all debris and shuttering materials of the contractor, at completion.
7. The work should be done as per the instructions of the engineer authorized by the college. If any work, done is later found unsatisfactory, it should be dismantled and reconstructed at the cost of the contractor.
8. Part payment for completed portion of works at stages can be given if required. Such payments will be made only after retention of 10% of the cost of completed works. All applicable taxes and contribution to government labour welfare fund etc will be deducted from the payment to the contractor.
9. Before starting the work, the selected contractor should execute an agreement as per the directions of the College.
10. The discipline, safety, legitimate identity records of all the workers, are the responsibility of the contractor. All workers must be insured by the contractor.
11. A detailed time schedule of activities will be given to the contractor. He must stick to that schedule. He must attend all weekly-progress meetings. A muster-roll must be maintained at site.
12. Contractor has the freedom to exceed the target and complete the work earlier than the respective deadline mentioned in different stages of the time schedule given
13. All measurements of underground-work must be made before backfilling in the presence of Engineer.
14. In case of any difference of opinion regarding work or payment, the Principal of the College will be the final authority and the contractor is bound to accept his final decision.
15. Work should be started within 10 days after finalizing the quotations and awarding the contract

This form is issued to contractor [Name]……………………………………

Name & Address of Contractor …………………………………… Signature of Contractor

Address & Mob Ph No.: Dated: