

## ESTIMATE FORM

## ENGLISHBAZAR MUNICIPALITY, MALDA

Estimate of Civil Works for Construction of Institutional /Public Toilet Block at Jhaljhulia Hindi Primary School in Ward No. - 26 Under Englishbazar Municipality, Malda (W.B). (MODEL NO -F)

| Sl. No | Description of Item  |       |       |        |       |       |        | Quantity | Rate     | Unit     | Amount  |
|--------|--|-------|-------|--------|-------|-------|--------|----------|----------|----------|---------|
|        | Count  | No(s) | L     | W/B    | H/D   | Total |        |          |          |          |         |
| 1      | Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.<br>(a) Depth of excavation not exceeding 1,500 mm.<br>PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-2, Page No. - 1 |       |       |        |       |       |        |          |          |          |         |
|        | Column Footing   | 4.000 | 1.000 | 1.200  | 1.200 | 1.125 | 6.480  |          |          |          |         |
|        | Tie Beam   | 2.000 | 1.000 | 4.350  | 0.250 | 0.475 | 1.033  |          |          |          |         |
|        |  | 3.000 | 1.000 | 2.325  | 0.250 | 0.425 | 0.741  |          |          |          |         |
|        | Part beam  | 1.000 | 1.000 | 1.725  | 0.250 | 0.425 | 0.183  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.200  | 0.250 | 0.425 | 0.128  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.000  | 0.250 | 0.425 | 0.106  |          |          |          |         |
|        | Stair  | 1.000 | 1.000 | 2.250  | 0.750 | 0.075 | 0.127  |          |          |          |         |
|        | water reservior  | 1.000 | 1.000 | 1.550  | 1.400 | 1.450 | 3.147  |          |          |          |         |
|        |  |       |       |        |       |       | 11.945 | 11.945   | 11927.00 | %Cum     | 1424.68 |
| 2      | Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.<br>(Payment to be made on the basis of measurement of finished quantity of work)<br>(a) With earth obtained from excavation of foundation<br>PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-3, Page No. - 1   |       |       |        |       |       |        |          |          |          |         |
|        | 2/3 of It. No- 1   |       | 2/3   | 11.945 |       |       | 7.963  | 7.963    | 7754.00  | %Cum     | 617.45  |
| 3      | (A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)<br>PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-4(A), Page No. - 2   |       |       |        |       |       |        |          |          |          |         |
|        | Toilet, urinal   | 1.000 | 1.000 | 1.725  | 1.200 | 0.600 | 1.242  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.500  | 1.200 | 0.600 | 1.080  |          |          |          |         |
|        |  | 1.000 | 1.000 | 2.325  | 1.375 | 0.600 | 1.918  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.725  | 1.000 | 0.600 | 1.035  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.125  | 1.000 | 0.600 | 0.675  |          |          |          |         |
|        |  |       |       |        |       |       |        | 5.950    | 5.950    | 43131.00 | %Cum    |
| 4      | Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.<br>3rdCORRIGENDA&ADDENDA,Dated:04.06.2018,Page1of 96, PWD(WB), S.O.R. Volume- I : BuildingWorksw.e.f. 01/11/2017, Item No.-1, Page No. - 14   |       |       |        |       |       |        |          |          |          |         |
|        | Column   | 4.000 | 1.000 | 1.200  | 1.200 |       | 5.760  |          |          |          |         |
|        | Tie Beam   | 2.000 | 1.000 | 4.350  | 0.250 |       | 2.175  |          |          |          |         |
|        |  | 2.000 | 1.000 | 2.325  | 0.250 |       | 1.163  |          |          |          |         |
|        | Part Beam  | 1.000 | 1.000 | 1.725  | 0.250 |       | 0.431  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.200  | 0.250 |       | 0.300  |          |          |          |         |
|        |  | 1.000 | 1.000 | 1.000  | 0.250 |       | 0.250  |          |          |          |         |

|                             |   |       |        |       |       |        |        |         |       |          |  |
|-----------------------------|---|-------|--------|-------|-------|--------|--------|---------|-------|----------|--|
| stair                       | 1.000   | 1.000 | 2.250  | 0.750 |       | 1.688  |        |         |       |          |  |
| Floor                       | 1.000   | 1.000 | 4.100  | 2.375 |       | 9.738  |        |         |       |          |  |
| water reservior             | 1.000   | 1.000 | 1.550  | 1.400 |       | 2.170  |        |         |       |          |  |
|                             |   |       |        |       |       | 23.675 | 23.675 | 322.00  | Sq.M. | 7623.35  |  |
| 5                           | Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Rate Analysis Enclosed  |       |        |       |       |        |        |         |       |          |  |
| Column                      | 4.000   | 1.000 | 1.200  | 1.200 | 0.100 | 0.576  |        |         |       |          |  |
| Tie Beam                    | 2.000   | 1.000 | 4.350  | 0.250 | 0.100 | 0.218  |        |         |       |          |  |
|                             | 2.000   | 1.000 | 2.325  | 0.250 | 0.100 | 0.116  |        |         |       |          |  |
| Part Beam                   | 1.000   | 1.000 | 1.725  | 0.250 | 0.075 | 0.032  |        |         |       |          |  |
|                             | 1.000   | 1.000 | 1.200  | 0.250 | 0.075 | 0.023  |        |         |       |          |  |
|                             | 1.000   | 1.000 | 1.000  | 0.250 | 0.075 | 0.019  |        |         |       |          |  |
| Stair                       | 1.000   | 1.000 | 2.250  | 0.750 | 0.100 | 0.169  |        |         |       |          |  |
|                             | 1.000   | 1.000 | 2.250  | 0.500 | 0.100 | 0.113  |        |         |       |          |  |
|                             | 1.000   | 1.000 | 2.250  | 0.250 | 0.100 | 0.056  |        |         |       |          |  |
| Plinth Protection           | 1.000   | 1.000 | 17.350 | 0.500 | 0.100 | 0.868  |        |         |       |          |  |
| Floor                       | 1.000   | 1.000 | 4.100  | 2.375 | 0.100 | 0.974  |        |         |       |          |  |
| water reservior             | 1.000   | 1.000 | 1.550  | 1.400 | 0.075 | 0.163  |        |         |       |          |  |
|                             |   |       |        |       |       | 3.327  | 3.327  | 4521.93 | Cu.M  | 15044.46 |  |
| 6                           | Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety [PWD BUILDING WORKS, Page- 26, It. No- 10. i] Rate Analysis Enclosed |       |        |       |       |        |        |         |       |          |  |
| Footing                     | 4.000   | 1.000 | 1.200  | 1.200 | 0.200 | 1.152  |        |         |       |          |  |
| $(1.20 + 0.40) / 2 = 0.80$  | 4.000   | 1.000 | 0.800  | 0.800 | 0.200 | 0.512  |        |         |       |          |  |
|                             | 4.000   | 1.000 | 0.400  | 0.400 | 0.300 | 0.192  |        |         |       |          |  |
| Tie Beam                    | 3.000   | 1.000 | 2.325  | 0.250 | 0.250 | 0.436  |        |         |       |          |  |
| Part beam                   | 1.000   | 1.000 | 1.200  | 0.250 | 0.250 | 0.075  |        |         |       |          |  |
| Tie Beam                    | 2.000   | 1.000 | 4.350  | 0.250 | 0.300 | 0.653  |        |         |       |          |  |
| Part beam                   | 1.000   | 1.000 | 1.725  | 0.250 | 0.250 | 0.108  |        |         |       |          |  |
| Part beam                   | 1.000   | 1.000 | 1.000  | 0.250 | 0.250 | 0.063  |        |         |       |          |  |
| $Col[2.875+0.25+0.6]=3.725$ | 4.000   | 1.000 | 0.250  | 0.250 | 3.725 | 0.931  |        |         |       |          |  |
| Lintel                      | 3.000   | 1.000 | 2.325  | 0.250 | 0.150 | 0.262  |        |         |       |          |  |
|                             | 2.000   | 1.000 | 4.350  | 0.250 | 0.150 | 0.326  |        |         |       |          |  |
| Protection wall             | 1.000   | 1.000 | 1.725  | 0.125 | 0.150 | 0.032  |        |         |       |          |  |
|                             | 1.000   | 1.000 | 1.200  | 0.125 | 0.150 | 0.023  |        |         |       |          |  |
|                             | 1.000   | 1.000 | 1.000  | 0.125 | 0.150 | 0.019  |        |         |       |          |  |
| Chazza                      | 3.000   | 1.000 | 0.500  | 0.450 | 0.100 | 0.068  |        |         |       |          |  |
| Roof beam                   | 2.000   | 1.000 | 4.850  | 0.250 | 0.275 | 0.667  |        |         |       |          |  |
|                             | 3.000   | 1.000 | 2.825  | 0.250 | 0.175 | 0.371  |        |         |       |          |  |
| Roof slab                   | 1.000   | 1.000 | 5.150  | 3.125 | 0.125 | 2.012  |        |         |       |          |  |
| $1.85+0.15*2=5.15$          | 1.000   | 1.000 | 1.550  | 1.400 | 0.100 | 0.217  |        |         |       |          |  |
| water reservior Bed         |   |       |        |       |       |        |        |         |       |          |  |
| water reservior Slab        | 1.000   | 1.000 | 1.550  | 1.400 | 0.125 | 0.271  |        |         |       |          |  |

|    |   |       |       |        |       |                    |        |         |        |          |          |
|----|---|-------|-------|--------|-------|--------------------|--------|---------|--------|----------|----------|
|    |   |       |       |        |       | 8.390              | 8.390  | 5052.35 | Cu.M   | 42389.22 |          |
|    | 25 mm. thick damp proof with cement concrete (1:1.5:3) (with graded stone aggregate 10 mm. normal size) and painting the top surface with a coat of bitumen [VG.40] using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. [Bitumen to be supplied by the Agency]   |       |       |        |       |                    |        |         |        |          |          |
|    | 3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 22 of 96, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-2, Page No. - 47<br>Rate Analysis Enclosed  |       |       |        |       |                    |        |         |        |          |          |
|    | Tie Beam  | 2.000 | 1.000 | 4.350  | 0.250 |                    | 2.175  |         |        |          |          |
|    |   | 3.000 | 1.000 | 2.325  | 0.250 |                    | 1.744  |         |        |          |          |
|    | Part beam   | 1.000 | 1.000 | 1.725  | 0.125 |                    | 0.216  |         |        |          |          |
|    |   | 1.000 | 1.000 | 1.200  | 0.125 |                    | 0.150  |         |        |          |          |
|    |   | 1.000 | 1.000 | 1.000  | 0.125 |                    | 0.125  |         |        |          |          |
|    |   |       |       |        |       |                    | 4.410  | 4.410   | 245.01 | Sq.M.    | 1080.49  |
| 8  | 125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.<br>Rate Analysis Enclosed  |       |       |        |       |                    |        |         |        |          |          |
|    | Partation wall  | 1.00  | 1.00  | 1.73   |       | 2.725              | 4.701  |         |        |          |          |
|    |   |       |       |        |       | 2.875-0.15 = 2.725 |        |         |        |          |          |
|    |   | 1.00  | 1.00  | 1.20   |       | 2.725              | 3.270  |         |        |          |          |
|    |   | 1.00  | 1.00  | 1.00   |       | 2.725              | 2.725  |         |        |          |          |
|    | Parapet wall  | 1.00  | 1.00  | 15.35  |       | 0.300              | 4.605  |         |        |          |          |
|    |   |       |       |        |       |                    | 15.301 | 15.301  | 668.33 | Sq.M.    | 10226.12 |
| 9  | Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.or.<br><br>PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-3, Page No. - 47   |       |       |        |       |                    |        |         |        |          |          |
|    |   | 1.000 | 1.000 | 17.350 | 0.500 |                    | 8.675  | 8.675   | 24.00  | Sq.M.    | 208.20   |
| 10 | Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)<br>(When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed under 12 (c) for every 4 m or part thereof)<br><br>(f) 25 mm to 30 mm shuttering without staging in foundation<br>PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-36, Page No. - 42 |       |       |        |       |                    |        |         |        |          |          |
|    | Footing   | 4.000 | 4.000 | 1.200  |       | 0.200              | 3.840  |         |        |          |          |
|    | Column pedestal   | 4.000 | 4.000 | 0.400  |       | 0.300              | 1.920  |         |        |          |          |
|    | Column  | 4.000 | 4.000 | 0.250  |       | 0.850              | 3.400  |         |        |          |          |
|    | Tie Beam  | 2.000 | 2.000 | 4.350  |       | 0.300              | 5.220  |         |        |          |          |
|    |   | 3.000 | 2.000 | 2.325  |       | 0.250              | 3.488  |         |        |          |          |
|    | Part beam   | 1.000 | 2.000 | 1.725  |       | 0.250              | 0.863  |         |        |          |          |
|    |   | 1.000 | 2.000 | 1.200  |       | 0.250              | 0.600  |         |        |          |          |
|    |   | 1.000 | 2.000 | 1.000  |       | 0.250              | 0.500  |         |        |          |          |
|    | water reservoir slab side   | 1.000 | 1.000 | 5.900  |       | 0.125              | 0.738  |         |        |          |          |
|    |   |       |       |        |       |                    | 20.569 | 20.569  | 205.00 | Sq.M.    | 4216.65  |

fire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)

(When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed under 12 (e) for every 4 m or part thereof)

(c) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work

PWD(WB). S.O.R. Volume- 1 : Building Works w.e.f. 01/11/2017, Item No.-36, Page No. - 42

|                             |       |       |        |       |        |          |
|-----------------------------|-------|-------|--------|-------|--------|----------|
| Column                      | 4.000 | 4.000 | 0.250  |       | 2.725  | 10.900   |
| Lintel                      | 2.000 | 2.000 | 4.850  |       | 0.150  | 2.910    |
|                             | 3.000 | 2.000 | 2.825  |       | 0.150  | 2.543    |
| Partiaion wall              | 1.000 | 2.000 | 1.725  |       | 0.150  | 0.518    |
|                             | 1.000 | 2.000 | 1.200  |       | 0.150  | 0.360    |
|                             | 1.000 | 2.000 | 1.000  |       | 0.150  | 0.300    |
| Opening, Door               | 2.000 | 1.000 | 1.050  |       | 0.250  | 0.525    |
|                             | 2.000 | 1.000 | 0.750  |       | 0.125  | 0.188    |
| Window                      | 3.000 | 1.000 | 0.450  |       | 0.250  | 0.338    |
| Chazza                      | 3.000 | 1.000 | 0.500  |       | 0.450  | 0.675    |
|                             | 3.000 | 1.000 | 1.400  |       | 0.100  | 0.420    |
| Roof beam                   | 4.000 | 1.000 | 2.225  |       | 0.250  | 2.225    |
|                             | 2.000 | 1.000 | 4.350  |       | 0.275  | 2.393    |
|                             | 2.000 | 1.000 | 1.725  |       | 0.125  | 0.431    |
|                             | 2.000 | 1.000 | 2.500  |       | 0.125  | 0.625    |
| Outerside                   | 1.000 | 1.000 | 15.350 |       | 0.275  | 4.221    |
| Roof slab                   | 1.000 | 1.000 | 4.850  | 2.825 |        | 13.701   |
| water reservior slab bottom | 1.000 | 1.000 | 1.050  | 0.900 |        | 0.945    |
|                             |       |       |        |       |        | 44.218   |
|                             |       |       |        |       | 44.218 | 363.00   |
|                             |       |       |        |       |        | Sq.M.    |
|                             |       |       |        |       |        | 16051.13 |

12 Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour.  
In ground floor.  
3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement).  
Using grey cement  
(ii) 25 mm. thick

|      |      |      |      |  |        |        |
|------|------|------|------|--|--------|--------|
| Roof | 1.00 | 1.00 | 5.15 |  | 3.13   | 16.094 |
|      |      |      |      |  | 16.094 | 243.83 |
|      |      |      |      |  |        | Sq.M   |
|      |      |      |      |  |        | 3924.2 |

13 Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.

10th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page - 1 of 6, PWD(WB), S.O.R. Volume - 1 : Building Works w.e.f. 01/11/2017, Item No.-40, Page No. - 43

(a) For works in foundation and upto roof of ground floor/upto 4 m

(i) Tor steel/Mild Steel

III. OTHER MANUFACTURERS NOT SPECIFIED

|                     |       |       |       |  |       |          |
|---------------------|-------|-------|-------|--|-------|----------|
| 1.20% of Item No(6) | 0.012 | 8.390 | 7.850 |  |       | 0.790    |
|                     |       |       |       |  | 0.790 | 58229.74 |
|                     |       |       |       |  |       | MT       |
|                     |       |       |       |  |       | 46001.49 |

|   |  |        |       |       |       |        |        |        |         |       |          |        |          |  |  |
|---|--|--------|-------|-------|-------|--------|--------|--------|---------|-------|----------|--------|----------|--|--|
| collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete.<br>(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)<br>In ground floor.<br>3rd CORRIGENDA&ADDENDA, Dated:04.06.2018, Page92<br>of 96.PWD(WB), S.O.R. Volume- 1 :Building Works w.e.f.<br>01/11/2017, Item No.-18, Page No. - 106 |  |        |       |       |       |        | 4.305  | 4.305  | 4351.00 | Sq.M  | 18731.06 |        |          |  |  |
| 15  | Brick work with 1st class bricks in cement mortar (1:6)<br>(b) In superstructure, ground floor<br>Rate Analysis Enclosed<br>$[3.0 - (0.375 + 0.15) = 2.475]$ |        |       |       |       |        | 1.000  | 3.000  | 2.325   | 0.250 | 2.475    | 4.316  |          |  |  |
|   |  | 1.000  | 2.000 | 4.350 | 0.250 | 2.475  | 5.383  |        |         |       |          |        |          |  |  |
|   | Deduction  |        |       |       |       |        |        |        |         |       |          |        |          |  |  |
|   | Window   | -3.000 | 1.000 | 0.450 | 0.250 | 0.600  | -0.203 |        |         |       |          |        |          |  |  |
|   | Door   | -1.000 | 1.000 | 2.050 | 0.250 | 2.100  | -1.076 |        |         |       |          |        |          |  |  |
|   |  |        |       |       |       | 8.420  |        | 8.420  | 5095.88 |       |          | Cu.M   | 42907.31 |  |  |
| 16  | Brick work with 1st class bricks in cement mortar (1:6)<br>(a) In foundation and plinth<br>Rate Analysis Enclosed  |        |       |       |       |        | 1.000  | 2.000  | 4.350   | 0.250 | 0.600    | 1.305  |          |  |  |
|   | above Tie Beam   | 1.000  | 3.000 | 2.850 | 0.250 | 0.600  | 1.283  |        |         |       |          |        |          |  |  |
|   | water reservoir  | 1.000  | 1.000 | 5.980 | 0.250 | 1.200  | 1.794  |        |         |       |          |        |          |  |  |
|   |  |        |       |       |       | 4.382  |        | 4.382  | 4872.88 |       |          | Cu.M   | 21352.96 |  |  |
| 17  | Labour for Chipping of concrete surface before taking up Plastering work.<br>[PWD BUILDING WORKS, Page- 192, It. No- 1 ]                                     |        |       |       |       |        | 4.000  | 4.000  | 0.250   |       | 3.350    | 13.400 |          |  |  |
|   | Lintel   | 3.000  | 2.000 | 2.325 |       | 0.150  | 2.093  |        |         |       |          |        |          |  |  |
|   |  | 2.000  | 2.000 | 4.350 |       | 0.150  | 2.610  |        |         |       |          |        |          |  |  |
|   | Partition wall   | 1.000  | 2.000 | 1.600 |       | 0.150  | 0.480  |        |         |       |          |        |          |  |  |
|   |  | 1.000  | 2.000 | 1.200 |       | 0.150  | 0.360  |        |         |       |          |        |          |  |  |
|   |  | 1.000  | 2.000 | 1.000 |       | 0.150  | 0.300  |        |         |       |          |        |          |  |  |
|   | Below opening  |        |       |       |       |        |        |        |         |       |          |        |          |  |  |
|   | Window   | 3.000  | 1.000 | 0.450 |       | 0.250  | 0.338  |        |         |       |          |        |          |  |  |
|   | Door   | 2.000  | 1.000 | 1.050 |       | 0.250  | 0.525  |        |         |       |          |        |          |  |  |
|   |  | 2.000  | 1.000 | 0.750 |       | 0.125  | 0.188  |        |         |       |          |        |          |  |  |
|   | Chazza   | 3.000  | 1.000 | 1.400 |       | 0.100  | 0.420  |        |         |       |          |        |          |  |  |
|   | Roof beam  | 4.000  | 1.000 | 4.850 |       | 0.275  | 5.335  |        |         |       |          |        |          |  |  |
|   |  | 6.000  | 1.000 | 2.825 |       | 0.175  | 2.966  |        |         |       |          |        |          |  |  |
|   | In side  | 2.000  | 2.000 | 4.350 |       | 0.125  | 2.175  |        |         |       |          |        |          |  |  |
|   | Inside   | 2.000  | 1.000 | 2.325 |       | 0.125  | 0.581  |        |         |       |          |        |          |  |  |
|   | Roof   | 1.000  | 1.000 | 4.350 |       | 2.825  | 12.289 |        |         |       |          |        |          |  |  |
|   |  |        |       |       |       | 44.060 |        | 44.060 | 21.000  |       |          | Sq.M   | 925.26   |  |  |

|    |  |        |       |       |       |       |         |         |        |      |  |          |  |
|----|--|--------|-------|-------|-------|-------|---------|---------|--------|------|--|----------|--|
|    | Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]<br>(i) With 1:6 cement mortar<br>(c) 15 mm thick plaster<br>Rate Analysis Enclosed  |        |       |       |       |       |         |         |        |      |  |          |  |
|    | Outside  | 1.000  | 2.000 | 4.850 |       | 3.900 | 37.830  |         |        |      |  |          |  |
|    |  | 1.000  | 2.000 | 2.825 |       | 3.900 | 22.035  |         |        |      |  |          |  |
|    | Chazza   | 3.000  | 1.000 | 0.450 | 0.500 |       | 0.675   |         |        |      |  |          |  |
|    |  | 3.000  | 1.000 | 1.400 |       | 0.100 | 0.420   |         |        |      |  |          |  |
|    | Inside   | 4.000  | 1.000 | 2.325 |       | 3.900 | 36.270  |         |        |      |  |          |  |
|    |  | 2.000  | 1.000 | 4.850 |       | 3.900 | 37.830  |         |        |      |  |          |  |
|    | Partion wall   | 1.000  | 1.000 | 1.725 |       | 2.875 | 4.959   |         |        |      |  |          |  |
|    |  | 1.000  | 1.000 | 1.200 |       | 2.875 | 3.450   |         |        |      |  |          |  |
|    |  | 1.000  | 1.000 | 1.000 |       | 2.875 | 2.875   |         |        |      |  |          |  |
|    | Parapet wall   | 1.000  | 2.000 | 4.730 | 0.125 |       | 1.183   |         |        |      |  |          |  |
|    |  | 1.000  | 2.000 | 2.700 | 0.125 |       | 0.675   |         |        |      |  |          |  |
|    | Insde  | 1.000  | 2.000 | 4.350 |       | 0.300 | 2.610   |         |        |      |  |          |  |
|    |  | 1.000  | 2.000 | 4.325 |       | 0.300 | 2.595   |         |        |      |  |          |  |
|    | Deduction  | -2.000 | 2.000 | 1.050 |       | 2.100 | -8.820  |         |        |      |  |          |  |
|    |  | -2.000 | 2.000 | 0.750 |       | 2.100 | -6.300  |         |        |      |  |          |  |
|    |  | -3.000 | 2.000 | 0.450 |       | 0.600 | -1.620  |         |        |      |  |          |  |
|    | Water Reserrior  | 1.00   | 1.00  | 3.90  |       | 1.200 | 4.680   |         |        |      |  |          |  |
|    |  |        |       |       |       |       | 141.347 | 141.347 | 139.48 | Sq.M |  | 19715.08 |  |
| 19 | Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]<br>(ii) With 1:4 cement mortar<br>(c) 10 mm thick plaster<br>Rate Analysis Enclosed   |        |       |       |       |       |         |         |        |      |  |          |  |
|    | Chazza   | 3.00   | 1.00  | 0.45  |       | 0.500 | 0.675   |         |        |      |  |          |  |
|    | Roof   | 1.00   | 1.00  | 4.35  |       | 2.325 | 10.114  |         |        |      |  |          |  |
|    |  |        |       |       |       |       | 10.789  | 10.789  | 124.48 | Sq.M |  | 1343.01  |  |
| 20 | Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.<br>NOTE:Cement 0.152 cu.m per100 sq.m.<br>Rate Analysis Enclosed  |        |       |       |       |       |         |         |        |      |  |          |  |
|    | G.L to P.L   | 1.00   | 1.00  | 15.35 |       | 0.60  | 9.210   |         |        |      |  |          |  |
|    | Water Reserrior  | 1.00   | 1.00  | 3.90  |       | 1.20  | 4.680   |         |        |      |  |          |  |
|    |  |        |       |       |       |       | 13.890  | 13.890  | 32.72  | Sq.M |  | 454.48   |  |
| 21 | Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.<br>(i) 66mm x 90mm<br>[PWD BUILDING WORKS, Page- 115, It. No- 3.i] |        |       |       |       |       |         |         |        |      |  |          |  |
|    |  | 1.00   | 2.00  | 4.95  |       |       | 9.900   | 9.900   | 497.00 | Mtr. |  | 4920.30  |  |

|    |  |      |      |      |      |       |        |        |         |       |          |
|----|--|------|------|------|------|-------|--------|--------|---------|-------|----------|
|    | supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria.<br>In ground floor.<br>(ii) 32 mm thick<br>[PWD BUILDING WORKS, Page- 125, It. No- 14.i]  |      |      |      |      |       |        |        |         |       |          |
|    |  | 1.00 | 2.00 |      | 0.75 | 2.10  | 3.150  | 3.150  | 2763.00 | Sq.M  | 8703.45  |
| 23 | Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:<br>(vii) 225mm long x 10mm dia. bolt.<br>[PWD BUILDING WORKS, Page- 144, It. No- 26.vii]  |      |      |      |      |       |        | 2.000  | 84.00   | Each  | 168.00   |
| 24 | Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.<br>(viii) 100mm. X 75mm. X 3.50mm<br>[PWD BUILDING WORKS, Page- 140, It. No- 5.viii]   |      |      |      |      |       |        | 6.000  | 66.00   | Each  | 396.00   |
| 25 | Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete.<br>(i) 150mm plate x 10mm dia rod x 12mm hexagonal/fluted.<br>[PWD BUILDING WORKS, Page- 146, It. No- 31.i]   |      |      |      |      |       |        | 4.000  | 87.00   | Each  | 348.00   |
| 26 | Iron skeleton bolt of approved quality fitted and fixed complete.<br>(b) 450mm long x 10mm dia rod.<br>[PWD BUILDING WORKS, Page- 141, It. No- 10.b]   |      |      |      |      |       |        | 2.000  | 104.00  | Each  | 208.00   |
| 27 | Supplying & laying 20 mm designer chequered tiles of any shade and of approved quality as per IS: 1237: 1980 laid in patterns as directed in pavement, footpath including necessary underlay 25 mm thick average cement mortar (1:3) complete in all respect with all labour and materials [using cement slurry @ 4.4 kg/Sq.m at back side of tiles. Cement of mortar & slurry will be supplied by the Department. Border concrete if necessary to be paid separately].<br><br>3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 37 of 96, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-47, Page No. - 74   |      |      |      |      |       |        |        |         |       |          |
|    |  | 4.00 | 1.00 | 2.25 |      | 0.150 | 1.350  |        |         |       |          |
|    |  | 3.00 | 1.00 | 2.25 |      | 0.250 | 1.688  |        |         |       |          |
|    |  | 1.00 | 1.00 | 0.25 |      | 0.150 | 0.038  |        |         |       |          |
|    |  | 1.00 | 1.00 | 0.50 |      | 0.150 | 0.075  |        |         |       |          |
|    |  | 1.00 | 1.00 | 0.75 |      | 0.150 | 0.113  |        |         |       |          |
|    |  |      |      |      |      |       | 3.264  | 3.264  | 825.00  | Sq.M  | 2692.80  |
| 28 | Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%, MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sq.m or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg. of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor).<br>b) In Ground Floor: Sizes-600 mm x600mm x10 mm with breaking strength >1500 N<br>3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 80 of 96, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-I, Page No. - 280 |      |      |      |      |       |        |        |         |       |          |
|    |  | 1.00 | 1.00 | 4.35 | 2.33 |       | 10.114 | 10.114 | 1589.00 | Sq. M | 16071.15 |

|   |   |      |      |      |      |        |        |         |        |          |        |  |
|---|---|------|------|------|------|--------|--------|---------|--------|----------|--------|--|
| Supplying, fitting & fixing best quality digital printed Ceramic tiles in coloured decorative on walls and floors to match with the existing work & 4 nos. key stones (10mm) fixed with adhesive 4.5mm thick at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. With polymerised adhesive and epoxy grout pointing including spacer-2mm (When tiles are laid over existing hard ready surface) all complete as per direction of Engineer-in-charge.<br>[PWD BUILDING WORKS, Page- 68, It. No- 39] |   |      |      |      |      |        |        |         |        |          |        |  |
| Inside  | 4.00  | 1.00 | 2.33 |      | 2.10 | 19.530 |        |         |        |          |        |  |
|   | 2.00  | 1.00 | 4.35 |      | 2.10 | 18.270 |        |         |        |          |        |  |
|   | 1.00  | 1.00 | 1.60 |      | 2.10 | 3.360  |        |         |        |          |        |  |
|   | 1.00  | 1.00 | 1.20 |      | 2.10 | 2.520  |        |         |        |          |        |  |
|   | 1.00  | 1.00 | 1.00 |      | 2.10 | 2.100  |        |         |        |          |        |  |
| Deducting   |   |      |      |      |      |        |        |         |        |          |        |  |
| Window  | -3.00   | 1.00 | 0.45 |      | 0.60 | -0.810 |        |         |        |          |        |  |
| Door  | -2.00   | 1.00 | 1.05 |      | 2.10 | -4.410 |        |         |        |          |        |  |
|   | -2.00   | 1.00 | 0.75 |      | 2.10 | -3.150 |        |         |        |          |        |  |
| 1/3 of opening  | - 1/3   | 7.56 |      |      |      | -2.520 |        |         |        |          |        |  |
|   |   |      |      |      |      | 34.890 | 34.890 | 1060.00 | Sq. M  | 36983.40 |        |  |
| 30  | Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In- Charge. (Payment will be made on finished length of the work).<br>A) In 10-12 Micron thickness Anodizing film<br>l) Natural white<br>h) Louvered window<br>[PWD BUILDING WORKS, Page- 233, It. No- 1. A.I.h.  |      |      |      |      |        |        |         |        |          |        |  |
|   | i) Top, bottom and side member.   | 3.00 | 1.00 | 2.10 |      | 6.300  | 6.300  | 183.00  | Mtr.   | 1152.90  |        |  |
|   | ii) Louvered Section.   | 3.00 | 1.00 | 0.60 |      | 1.800  | 1.800  | 658.00  | Mtr.   | 1184.40  |        |  |
|   | iii) Cleat angle ( Non-anodized).   | 3.00 | 4.00 | 0.45 |      | 5.400  | 5.400  | 263.00  | Mtr.   | 1420.20  |        |  |
| 31  | Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:-<br>(A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC.<br>The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.<br>v) Louvered window<br>[PWD BUILDING WORKS, Page- 240, It. No- 2. A.v ] |      |      |      |      |        |        |         |        |          |        |  |
|   |   | 3.00 | 1.00 | 0.45 |      | 0.60   | 0.810  | 0.810   | 730.00 | Sq. M    | 591.30 |  |
| 32  | Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.<br>iv) 5mm thick coloured / tinted / smoke glass.<br>[PWD BUILDING WORKS, Page- 243, It. No- 9.iv]  |      |      |      |      |        |        |         |        |          |        |  |
|   |   |      |      |      |      | 0.810  | 0.810  | 585.00  | Sq. M  | 473.85   |        |  |
| 33  | (a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows ,railing etc.fitted and fixed with necessary screws and lugs in ground floor.<br>(i) Grill weighing above 10Kg./sq.mtr and up to 16Kg./sq. mtr.<br>3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 91<br>of 96, PWD(WB), S.O.R. Volume- 1 : Building Works w.e.f. 01/11/2017, Item No.-13, Page No. - 104   |      |      |      |      |        |        |         |        |          |        |  |

|    |   |       |        |       |       |        |        |         |          |       |  |          |  |
|----|---|-------|--------|-------|-------|--------|--------|---------|----------|-------|--|----------|--|
|    | ump house   | 5.00  | 1.00   | 0.60  |       | 0.60   | 1.800  |         |          |       |  |          |  |
|    | Window  | 3.00  | 1.00   | 0.45  |       | 0.60   | 0.810  |         |          |       |  |          |  |
|    |   |       |        |       |       | -      | 2.610  |         |          |       |  |          |  |
|    |   |       |        | 2.610 | 16.00 | 41.760 | 0.418  | 0.418   | 10021.00 | Qntl  |  | 4188.78  |  |
| 34 | Rendering the Surface of walls and ceiling with White Cement base WATERPROOF wall putty of approved make & brand. (1.5 mm thick)<br>PWD(WB), S.O.R. Volume- 1 : Building Works w.e.f. 01/11/2017, Item No.-5, Page No. - 198  |       |        |       |       |        |        |         |          |       |  |          |  |
|    | same as- It. No- (17+18)- (19+29)   |       | 141.35 | 10.79 | 9.21  | 34.89  | 108.04 | 108.036 | 122.00   | Sq. M |  | 13180.39 |  |
| 35 | Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface.<br>Two Coats<br>PWD(WB), S.O.R. Volume- 1 : Building Works w.e.f. 01/11/2017, Item No.-10, Page No. - 196F  |       |        |       |       |        |        |         |          |       |  |          |  |
|    | Inside  | 4.00  | 1.00   | 2.33  |       | 0.775  | 7.208  |         |          |       |  |          |  |
|    | 3.0-(.125+2.1)= 0.78  | 2.00  | 1.00   | 4.35  |       | 0.775  | 6.743  |         |          |       |  |          |  |
|    |   | 2.00  | 1.00   | 1.60  |       | 0.775  | 2.480  |         |          |       |  |          |  |
|    |   | 2.00  | 1.00   | 1.20  |       | 0.775  | 1.860  |         |          |       |  |          |  |
|    |   | 2.00  | 1.00   | 1.00  |       | 0.775  | 1.550  |         |          |       |  |          |  |
|    | Slab  | 1.00  | 1.00   | 4.35  |       | 2.325  | 10.114 |         |          |       |  |          |  |
|    |   |       |        |       |       |        | 29.955 | 29.955  | 70.00    | Sq.M  |  | 2096.85  |  |
| 36 | Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC.<br>In Ground Floor:<br>(b) Two Coats<br>[PWD BUILDING WORKS, Page- 196, It. No- 8..b] |       |        |       |       |        |        |         |          |       |  |          |  |
|    | Outer side  | 1.00  | 2.00   | 4.85  |       | 3.600  | 34.920 |         |          |       |  |          |  |
|    |   | 1.00  | 2.00   | 2.83  |       | 3.600  | 20.340 |         |          |       |  |          |  |
|    | Chazza  | 3.00  | 2.00   | 0.45  |       | 0.500  | 1.350  |         |          |       |  |          |  |
|    |   | 3.00  | 1.00   | 1.40  |       | 0.100  | 0.420  |         |          |       |  |          |  |
|    | Parapet wall  | 1.00  | 2.00   | 4.85  |       | 0.125  | 1.213  |         |          |       |  |          |  |
|    |   | 1.00  | 2.00   | 2.83  |       | 0.125  | 0.706  |         |          |       |  |          |  |
|    | In side   | 1.00  | 2.00   | 2.60  |       | 0.300  | 1.560  |         |          |       |  |          |  |
|    |   | 1.00  | 2.00   | 2.33  |       | 0.300  | 1.395  |         |          |       |  |          |  |
|    | Deduction   | -3.00 | 1.00   | 0.45  |       | 0.500  | -0.675 |         |          |       |  |          |  |
|    |   | -2.00 | 1.05   | 1.05  |       | 2.100  | -4.631 |         |          |       |  |          |  |
|    |   |       |        |       |       |        | 56.598 | 56.598  | 4510.00  | %Sq.M |  | 2552.57  |  |
| 37 | Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.<br>In Ground floor (Two Coat)<br>a) Normal Acrylic Emulsion<br>[PWD BUILDING WORKS, Page- 197, It. No- 17.c]      |       |        |       |       |        |        |         |          |       |  |          |  |
|    |   |       |        |       |       |        |        | 56.598  | 67.00    | Sq.M  |  | 3792.07  |  |
| 38 | (a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.<br>[PWD BUILDING WORKS, Page- 200, It. No- 1. a]  |       |        |       |       |        |        |         |          |       |  |          |  |
|    | Pump house  | 5.00  | 1.00   | 0.60  |       | 0.60   | 1.800  |         |          |       |  |          |  |
|    | Window  | 3.00  | 1.00   | 4.50  |       | 0.60   | 8.100  |         |          |       |  |          |  |
|    | Collapsible   | 1.50  | 1.00   | 2.05  |       | 2.10   | 6.458  |         |          |       |  |          |  |

|    |   |  |  |  |         |         |       |       |          |
|----|---|--|--|--|---------|---------|-------|-------|----------|
|    |   |  |  |  | 16.358  | 16.358  | 29.00 | Sq. M | 474.38   |
|    | (A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :<br>(b) On steel or other metal surface :<br>With super gloss (hi-gloss) -<br>(iv) Two coats (with any shade except white)<br>[PWD BUILDING WORKS, Page- 201, It. No- 2. b.iv]  |  |  |  | 16.358  | 79.00   |       | Sq. M | 1292.28  |
| 40 | Supplying, fitting and fixing Stainless Steel railing consistof 38 mmdia and 900 mm height vertical balustrade at every twoalternativesteps, 50mm dia top rail, 3 (three) nos 19mm dia horizontalStainless steel pipe andbase/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish,completeasper direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx)<br>3rdCORRIGENDA&ADDENDA, Dated:04.06.2018, Page95 of96, PWD(WB), S.O.R. Volume- I .BuildingWorksw.e.f. 01/11/2017, Item No.-22, Page No. - 10 |  |  |  | 1.950   | 9077.00 |       | Mtr   | 17700.12 |
| 41 | Painting block letters or digits in Black Japan or any approved paint as per direction.<br>e) Size above 7.5 cm. and upto 10 cm.<br>[PWD BUILDING WORKS, Page- 268, It. No- 17. e]  |  |  |  | 450.000 | 12.00   |       | Each  | 5400.00  |
| 42 | Supplying and Planting of different plant / trees ( Supplying well grown plants bushy and healthy, minimum height as specified i.e. exposed height including all leads & lift, carriage, handling, manuring, applying presticide and fertilizer etc.<br>i) Furcaria variegated 10-12 leaves in height 20-30cm in earthen pots of size 25cm.<br>[PWD BUILDING WORKS, Page- 261, It. No- 9. i]  |  |  |  | 7.000   | 162.00  |       | Each  | 1134.00  |
| 43 | x) Ficus blakii (F. Vivicon) well branched (Bushy) of height 120cm - 135 cm in earthen pot of size 30cm.<br>[PWD BUILDING WORKS, Page- 261, It. No- 9. x]   |  |  |  | 3.000   | 187.00  |       | Each  | 561.00   |
| 44 | xxvi) Areca Palm 4 - 5 suckers of height 90 cm to 105 cm in earthen pots of size 25 cm.<br>[PWD BUILDING WORKS, Page- 262, It. No- 9. xxvi]   |  |  |  | 3.000   | 127.00  |       | Each  | 381.00   |

### SANITARY AND PLUMBING WORKS

|    |  |  |  |  |       |         |  |      |         |
|----|--|--|--|--|-------|---------|--|------|---------|
| 45 | Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc.<br>(a) With 'P' trap (with vent)<br>[SANITARY AND DRAINAGE WORKS, Page- 79, It. No- 3. a]  |  |  |  | 2.000 | 3104.00 |  | Each | 6208.00 |
| 46 | Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete.<br>(b) Anglo Indian<br>(i) Plastic (hallow type) black<br>[SANITARY AND DRAINAGE WORKS, Page- 81, It. No- 10. b.i]   |  |  |  | 2.000 | 371.00  |  | Each | 742.00  |
| 47 | Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete.<br>(i) 635 mm X 395 mm X 420 mm<br>[SANITARY AND DRAINAGE WORKS, Page- 80, It. No- 6. i]                  |  |  |  | 2.000 | 2869.00 |  | Each | 5738.00 |
| 48 | Supplying, fitting and fixing Squating plate with integral flushing in white vitreous chinaware of approved make in cement concrete (6:3:1) with jhama chips complete.<br>(Payment of concrete will be paid seperately).<br>(i) 450 mm X 350 mm<br>[SANITARY AND DRAINAGE WORKS, Page- 80, It. No- 7. i] |  |  |  | 1.000 | 881.00  |  | Each | 881.00  |
| 49 | Supplying, fitting and fixing 10 litre porcelain low-down cistern of approvedmakewitheither sideor bottominlet, sideoverflow, brackets complete with all internal PVC fittings. White<br>[SANITARY AND DRAINAGE WORKS, Page- 36, It. No- 1]  |  |  |  | 2.000 | 2297.00 |  | Each | 4594.00 |
| 50 | Supplying, fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete.<br>i) Polythene Flush Pipe<br>[SANITARY AND DRAINAGE WORKS, Page- 81, It. No-11.i]   |  |  |  | 2.000 | 155.00  |  | Each | 310.00  |
| 51 | Supplying, fitting and fixing urinal flush pipe fittings of approved brand<br>(a) C.P. urinal flush pipe fittings range of one<br>[SANITARY AND DRAINAGE WORKS, Page- 81, It. No-12.a]   |  |  |  | 3.000 | 414.00  |  | Each | 1242.00 |

|    |  |        |         |      |         |
|----|--|--------|---------|------|---------|
|    | supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.<br>(ii) 550 mm X 400 mm size<br>[SANITARY AND DRAINAGE WORKS, Page- 41, It. No-2.ii]  | 2.000  | 2208.00 | Each | 4416.00 |
| 53 | Supplying, fitting and fixing pedestal of approved make for wash basin (white)<br>[SANITARY AND DRAINAGE WORKS, Page- 41, It. No-3]  | 2.000  | 1497.00 | Each | 2994.00 |
| 54 | Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia.<br>(iii) 600 mm long<br>[SANITARY AND DRAINAGE WORKS, Page- 43, It. No- 9.iii]   | 5.000  | 107.00  | Each | 535.00  |
| 55 | Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps.<br>(iv) 1050 mm long<br>[SANITARY AND DRAINAGE WORKS, Page- 43, It. No- 10.iv]   | 4.000  | 91.00   | Each | 364.00  |
| 56 | Supplying, fitting and fixing shower of approved brand and make.<br>(i) Hand Shower (Health Faucet) with Imtr Flexible Tube with Wall Hook (Equivalent to Code No. 573 & Model -ALLIED of Jaquar or similar).<br>[SANITARY AND DRAINAGE WORKS, Page- 3, It. No- 3.f]   | 2.000  | 1251.00 | Each | 2502.00 |
| 57 | (ii) Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No. 512 & Model- Tropical / Sumthing Special of ESSCO or similar brand)<br>[SANITARY AND DRAINAGE WORKS, Page- 6, It. No- 7. a.ii]   | 3.000  | 659.00  | Each | 1977.00 |
| 58 | (b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar<br>[SANITARY AND DRAINAGE WORKS, Page- 6, It. No- 7. b.i]  | 1.000  | 493.00  | Each | 493.00  |
| 59 | (d) (i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).<br>[SANITARY AND DRAINAGE WORKS, Page- 6, It. No- 7. d.i]  | 5.000  | 815.00  | Each | 4075.00 |
| 60 | Supplying, fitting and fixing pillar cock of approved make.<br>a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).  | 2.000  | 555.00  | Each | 1110.00 |
| 61 | Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately)<br>(a) For Exposed Work,<br>(ii) 32 mm dia. medium quality<br>[SANITARY AND DRAINAGE WORKS, Page- 02, It. No- 01. A) d.ii]  | 15.000 | 355.00  | Mtr. | 5325.00 |
| 62 | Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D-1785 and threaded to match with GI Pipes as per IS : 1239 (Part-I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) a) For Exposed Work PVC Pipes (Dia) 25 mm Dia<br>[SANITARY AND DRAINAGE WORKS, Page- 12, It. No- 19. Ia] | 10.000 | 177.00  | Mtr. | 1770.00 |
| 63 | Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).<br>(vii) 25 mm dia<br>[SANITARY AND DRAINAGE WORKS, Page- 5, It. No- 5. vii]   | 2.000  | 778.00  | Each | 1556.00 |

|    |   |        |         |        |          |
|----|---|--------|---------|--------|----------|
|    | supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer<br>(b) 1000 litre capacity<br>[SANITARY AND DRAINAGE WORKS, Page- 37, It. No- 6. b]   | 1.000  | 5128.00 | Each   | 5128.00  |
| 65 | Labour for hoisting plastic water storage tank.<br>(i) Upto 1500 litre capacity.<br>[SANITARY AND DRAINAGE WORKS, Page- 37, It. No- 10. i]  | 1.000  | 96.00   | Each   | 96.00    |
| 66 | Labour for punching hole in plastic water storage tank upto 50 mm dia.<br>[SANITARY AND DRAINAGE WORKS, Page- 38, It. No- 13]   | 2.000  | 19.00   | Each   | 38.00    |
| 67 | Supply of UPVC pipes (B Type) & fittings conforming to IS-13592- 1992.(A) (i) Single Socketed 3 Meter Length, (b) 110 mm<br>PWD S&P Schedule, Page No.-68 Item No. 23,(A)(i)(b)   | 30.000 | 292.00  | Mtr    | 8760.00  |
|    | (B) Fittings (i) Coupler, (b) 110 mm  | 8.000  | 85.00   | Each   | 680.00   |
|    | (ii) Plain Tee, (b) 110 mm  | 12.000 | 85.00   | Each   | 1020.00  |
|    | (iii) Door Tee, (b) 110 mm  | 10.000 | 195.00  | Each   | 1950.00  |
|    | ix) Bend 45°, (b) 110 mm  | 10.000 | 89.00   | Each   | 890.00   |
|    | xi) Door Bend (T.S.), (b) 110 mm  | 7.000  | 147.00  | Each   | 1029.00  |
|    | xxi) Pipe Clip, (b) 110 mm  | 30.000 | 21.00   | Each   | 630.00   |
|    | xxii) W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm   | 4.000  | 142.00  | Each   | 568.00   |
|    | xxxii) Plain Floor Trap with Top tile & Strainer 75 mm  | 7.000  | 144.00  | Each   | 1008.00  |
|    | L) Rubber Ring, (b) 110 mm  | 15.000 | 17.00   | Each   | 255.00   |
|    | C)Rubber Lubricant 500 ML   | 1.000  | 187.00  | 500 ML | 187.00   |
|    | D)Solvent Cement 250 ML   | 1.000  | 103.00  | 250 ML | 103.00   |
| 68 | Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in total pipeline including specials. (B) Under ground, (ii) 110 mm dia.<br>PWD S&P Schedule. (P. - 74, Item. No. - 24 (B))  | 20.000 | 84.00   | Mtr    | 1680.00  |
| 69 | Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.<br>A) UPVC Pipes: (i) 75 mm. Dia.<br>(P. - 212. Item. No. - 21 (A)(i) , (B),(c),(i) & (B), (d),(i),<br>Pvd volume- i, 2017)  | 20.000 | 188.00  | Mtr    | 3760.00  |
| 70 | B) UPVC Fittings: c) Bend 87.5 degree (i) 75 mm. Dia.   | 6.000  | 95.00   | Mtr    | 570.00   |
| 71 | B) UPVC Fittings: d) Shoe (i) 75 mm. Dia.   | 2.000  | 78.00   | Mtr    | 156.00   |
| 72 | Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 500 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials.<br>i) With Pakur variety.(OTHER MANUFACTURES NOT SPECIFIED)<br>7th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page 1 of 7, PWD(WB), S.O.R. Volume - II<br>Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 1, Page No.- 87 | 2.000  | 6648.00 | Each   | 13296.00 |
| 73 | Supplying, fitting and fixing 18 mm thick marble partition slab with chawk doongri marble square cut, both sides polished with two front corners rounded and edges polished.<br>PWD(WB), S.O.R. Volume - II : Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 13, Page No.- 81  | 0.930  | 1426.00 | Sq.m   | 1326.18  |

|   |       |          |      |           |
|---|-------|----------|------|-----------|
| <p>Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the 100mm thick R.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C(1:1.5:3) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials.</p> <p>Note - (i) Finished level of Septic Tank should be 400 mm. from Ground Level.<br/>(ii) Height of 50 mm Ventilation pipe &amp; Mosquito proof mesh, should be followed as per IS 2470, Part- I. Payment will be made separately on the basis of actual height based on relevant I.S Code</p> <p>7th CORRIGENDA &amp; ADDENDA, Dated: 22.01.2020, Page 3 of 7, PWD(WB), S.O.R. Volume - II Sanitary &amp; Plumbing Works w.e.f. 01/11/2017, Item No. - 3, Page No.- 88</p> <p>(i) For 20 users<br/>(ii) With Pakur variety (OTHER MANUFACTURES NOT SPECIFIED)</p> | 1.000 | 45343.00 | Each | 45343.00  |
| <p>75 Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.0 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia</p> <p>For-OTHER MANUFACTURES NOT SPECIFIED)<br/>S.P.89 Item No. 4 7th Corrigenda Volume ii</p>   | 1.000 | 15451.00 | Each | 15451.00  |
| <p>76 Supplying, fitting and fixing towel rail with two brackets.<br/>(a) C.P. over brass (ii) 25 mm dia. and 600 mm long<br/>PWD S&amp;P Schedule, p No 82 I No- 22 (a)(ii)</p>  | 2.000 | 430.00   | Each | 860.00    |
| <p>77 Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm<br/>PWD S&amp;P Schedule, P-81, It-15(ii)</p>   | 2.000 | 484.00   | Each | 968.00    |
| <p>78 Supplying, fitting and fixing soap holder. (b) Fibre glass<br/>Sanitary and plumbing work schedule P-82, It-18(b)</p>   | 2.000 | 58.00    | Each | 116.00    |
| <p>79 Supplying, fitting and fixing glass shelf with aluminium guard rails.<br/>(a) Ordinary type with 5.5 mm sheet glass (i) 450 mm X 125 mm<br/>Sanitary and plumbing work schedule P-81, It-16(a)(i)</p>   | 2.000 | 341.00   | Each | 682.00    |
| Total Amount excluding GST  |       |          |      | 538252.29 |
| Add CGST @ 9%   |       |          |      | 48442.71  |
| Add SGST @ 9%   |       |          |      | 48442.71  |
| Total amount including GST  |       |          |      | 635137.71 |
| Add Labour Welfare Cess. @ 1%   |       |          |      | 6351.38   |
| Total Amount Including Labour Welfare Cess.   |       |          |      | 641489.09 |
| Add Contingency @3%   |       |          |      | 19054.13  |
| Total Amount Including L.W.C. and contingency   |       |          |      | 660543.22 |
| Say Rupees  |       |          |      | 660543.00 |

*[Signature]*  
Junior Engineer  
Malda Division  
M. E. Directorate  
Govt. of West Bengal

*[Signature]*  
Assistant Engineer  
Malda Division  
M. E. Directorate  
Govt. of West Bengal

*[Signature]*  
S. A. E. (C)  
English Bazar Municipality  
MALDA

*[Signature]*  
Vetted  
Executive Engineer  
Malda Division  
M. E. Directorate  
Govt. of West Bengal

*[Signature]*  
Chairman  
English Bazar Municipality  
MALDA