

THE ABSTRACT OF BILL OF QUANTITIES IN THE PRICE BID SHALL BE INVARIABLY FILLED.
THOSE WHO BIDDERS DO NOT FILL WILL BE NON-RESPONSIVE AND WILL BE DISQUALIFIED
FROM EVALUATION AND WILL BE TREATED AS TECHNICALLY NOT QUALIFIED.

**ALL ROWS SHALL BE FILLED, THIS IS MANDATORY
(IF NIL OR NA, THAT MAY ALSO BE SHOWN)**

BILL OF QUANTITIES

ABSTRACT

| Civil & Electrical work | | |
|------------------------------------|---|---------------------|
| SI No | Name of work | Amount in Rs |
| 1 | Construction of Compound Wall | |
| a | Service tax component to be paid by the bidder | |
| b | Service tax component to be directly paid by the HITES in case the bidder is a Proprietary firm | |
| | GRAND TOTAL | |

Construction of Compound Wall

| Sl no | DSR item ref no | Item Description | Unit | Quantity | Rate in words& Figures (In Rs.) | Amount in Rs. |
|-------|-----------------|---|------|----------|---------------------------------|---------------|
| | | I. Site Clearing | | | | |
| 1 | 2.31 | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared. | sqm | 2400.00 | | |
| 2 | 2.33 | Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. | | | | |
| a | 2.33.1 | Beyond 30 cm girth upto and including 60 cm girth | each | 50.00 | | |
| b | 2.33.2 | Beyond 60 cm girth upto and including 120 cm girth | each | 30.00 | | |
| c | 2.33.3 | Beyond 120 cm girth upto and including 240 cm girth | each | 20.00 | | |

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|---|--------|---|------|---------|--|--|
| d | 2.33.4 | Above 240 cm girth | each | 5.00 | | |
| | | II. Earth Work | | | | |
| 3 | 2.6.1 | Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil | cum | 1115.00 | | |
| 4 | 2.26.1 | Extra for every additional lift of 1.5 m or part thereof in excavation/ banking excavated or stacked materials. All kinds of soil | cum | 130.00 | | |
| 5 | 2.25 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. | cum | 610.00 | | |
| | | III. PCC | | | | |
| 6 | 4.1.3 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | cum | 100.00 | | |

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|----|--------|---|---------|--------|--|--|
| | | IV. RCC | | | | |
| 7 | 5.33.1 | Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately). 5.33.1 All works upto plinth level | cum | 385.00 | | |
| 8 | 5.34.2 | Extra for providing richer mixes at all floor levels. Note:- Excess/ less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/ RMC. (Note : Cement content considered in M-35 is @ 340 kg/ cum) | cum | 385.00 | | |
| 9 | 5.35 | Add for using extra cement in the items of design mix over and above the specified cement content therein. | quintal | 195 | | |
| | | V. Shuttering | | | | |
| 10 | 5.9.1 | Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete | sqm | 230.00 | | |

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|----|--------|---|-----|---------|--|--|
| 11 | 5.9.2 | Centering and shuttering including strutting, propping etc. and removal of form for : Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc | sqm | 1040.00 | | |
| 12 | 5.9.6 | Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts | sqm | 480.00 | | |
| 13 | 5.9.5 | Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilever | sqm | 30 | | |
| | | VI. Reinforcement | | | | |
| 14 | 5.22.6 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars | kg | 48510 | | |
| | | VII. RR Masonry | | | | |
| 15 | 7.1.1 | Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) | cum | 70.00 | | |

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| | | VIII. Brick Work | | | | |
| 16 | 6.4.1 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in superstructure above plinth level up to floor V level in all shapes and sizes in : 6.4.1 Cement mortar 1:4 (1 cement : 4 coarse sand) | cum | 185.00 | | |
| | | IX. Plastering | | | | |
| 17 | 13.8.2 | 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand) | sqm | 2530.00 | | |
| | | X. Painting | | | | |
| 18 | 13.47.1 | Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade : 13.47.1 New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) | sqm | 2530.00 | | |
| | | XI. Tube Well | | | | |
| 19 | 24.12 | Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per | hour | 100.00 | | |

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|----|-------|--|------|-------|--|--|
| | | requirement and direction of Engineer-in-charge. | | | | |
| 20 | 24.8 | Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineerin-charge. | cum | 25.00 | | |
| 21 | 24.13 | Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 200mm dia | each | 2.00 | | |
| 22 | 24.14 | Providing and fixing M.S. clamp of required dia to the top of casing/housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts f required size complete. 200mm dia | each | 2.00 | | |
| 23 | 24.15 | Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I). 200mm dia | each | 2.00 | | |
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| | | Total Amount in Words & in figures | | | | |
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