

STATE BANK OF INDIA
ADMINISTRATIVE OFFICE, RANCHI
PRICE BID FOR WASTEWATER DRAIN WORK AT STAFF QUARTERS, RANCHI

S.No	Item Description	Unit	Quantity	Rate	Amount
1	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
1.1	300 mm dia. R.C.C. pipe	Metre	180		
1.2	250 mm dia. R.C.C. pipe	Metre	80		
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	Metre	260		
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum.	31		
4	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Nos.	16		
5	Providing and fixing 110 mm UPVC soil, waste and vent pipes with bends, tees etc. including testing of joints all complete.	Metre	300		
6	Cleaning of existing drains by mechanical/manual means, removal of waste water, silt, sludge, debris etc. and safe disposal of the removed material to the appropriate dumping site all complete and making good the disturbed area as directed.	Lump sum	1		
TOTAL					
#GST will be paid extra as per applicable					

Note: Contractor should check the invert level of the Municipal drain prior to installation. Set out and fix the building outlet accordingly to ensure correct alignment and gradient. Lay the drainage pipes to the appropriate slope, maintaining uniform fall towards the outlet. Ensure all joints are watertight and comply with local authority standards. Permissions(if any) required from local authorities to be taken by contractor.