

**Sub:- COSTRUCTION OF CONCRETE SURFACE AND DRAIN AT BEML, BURNPUR ROAD
ASASOL.**

BILL OF QUANTITES

**Uploading this page in technical documents leads to reject the complete bid.Only to be
attached in C-folder price attachment section**

DRAIN WORK					
Sl No	Item Description	Unit	Qty.	Rate/ Unit Rs.	Amount Rs.
1	Earth work in excavation for foundation trenches or drains by mechanical means / manual means not exceeding 1.50Mtrs depth and not exceeding 1.50mtrs in width or 10 sqm on plan, including , dressing of sides and ramming of bottom, lift up to 1.5Mts, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50.M etc complete, all as specified and directed by Officer- in -charge.	Cu.m	30.00		
2	Supplying and laying flat brick soling sub Base of required depth using well burnt brick soling laid to proper slope including filling of the gaps inbetween the bricks filled with binding materials like moorum or red banjar etc complete all as specified and directed by Officer- in- charge.	Sq.M	50.00		
3	Providing and laying in position Plain cement concrete of mix 1:3:6 of required thickness for bed concrete (1 Cement: 3 Course sand and 6: graded granite aggregate) using 40mm granite aggregate of nominal size, including formwrok wherever required, consolidation, curing etc complete all as specified and directed by Officer- in- charge.	Cu.m	4.50		
4	Providing and laying Reinforced cement concrete of mix 1:1.5:3 of required thickncss (1 cement: 1.5 course sand and 3 graded granite aggregate) using 20mm down graded granite aggregate including proper consolidation, curing excluding the cost of formwork and steel reinforcement, etc complete all as specified and directed by Officer- in- charge.	Cu.m	8.00		
5	Providing centering and shuttering for concrete works using steel shuttering/ wood planks including shrutting, propping etc and removal etc., complete all as specified and directed by Officer- in- charge.	Sq.M	95.00		
6	Providing and fixing in position Steel reinforcement for R.C.C. work with TMT bars of various dia including straightening, cutting,bending, placing in position and binding all complete etc complete all as specified and directed by Enginner in charge.	Kgs	1000.00		
7	Rendering in cement mortar 1:4 avg. 12mm thick on brick/ concrete surface including finishing the surface smooth finish using extra cement and necessary curing etc, complete all as specified and directed by Officer- in- charge.	Sq.M	120.00		

SI No	Item Description	Unit	Qty.	Rate/ Unit Rs.	Amount Rs.
8	Providing and constructing burnt brick masonry wall in cement mortar 1:6 of required thickness using good quality bricks etc complete all as specified and directed by Officer- in- charge.	Cu.m	6.00		
9	Providing and finishing the plastered surface with a floating coat of extra neat cement slurry, finishing the surfaces even and smooth etc., complete all as specified and directed by Officer-in - charge. .	Sq.M	120.00		
10	Supplying and fixing 150mm diameter 6 kg/cm ² pressure PVC sanitary pipes of first quality, conforming to relevant IS, manufactured by M/s Supreme / Finolex including all bends, collars, tees, reducers, unions, shoe, laid in floors etc., complete all as specified and directed by Office-in-charge.	RM	9.00		
PAVEMENT WORK					
11	Supplying and laying flat brick soling sub Base of required depth using well burnt brick soling laid to proper slope including filling of the gaps inbetween the bricks filled with binding materials like moorum or red banjar etc complete all as specified and directed by Officer-in- charge.	Sq.M	2.00		
12	Providing and laying in position Plain cement concrete of mix 1:3:6 of required thickness for bed concrete (1 Cement: 3 Course sand and 6: graded granite aggregate) using 40mm granite aggregate of nominal size, including formwork wherever required, consolidation, curing etc complete all as specified and directed by Officer-in- charge.	Cu.m	1.00		
13	Providing and laying Reinforced cement concrete of mix 1:1.5:3 of required thickncss (1 cement: 1.5 course sand and 3 graded granite aggregate) using 20mm down graded granite aggregate including proper consolidation, curing excluding the cost of formwork and steel reinforcement, etc complete all as specified and directed by Officer- in- charge.	Cu.m	1.95		
14	Providing centering and shuttering for concrete works using steel shuttering/ wood planks including shrutting, propping etc and removal etc., complete all as specified and directed by Officer- in- charge.	Sq.M	16.00		
15	Providing and fixing in position Steel reinforcement for R.C.C. work with TMT bars of various dia including straightening, cutting,bending, placing in position and binding all complete etc complete all as specified and directed by Enginner in charge.	KG.	140.00		

SI No	Item Description	Unit	Qty.	Rate/ Unit Rs.	Amount Rs.
16	Rendering in cement mortar 1:4 avg. 12mm thick on brick/ concrete surface including finishing the surface smooth finish using extra cement and necessary curing etc, complete all as specified and directed by Officer- in- charge.	Sq.M	14.00		
17	Providing and laying 125mm thick / required thickness cement concrete of M-20 grade,in roads/pavements/pathways using coarse sand and graded stone aggregate of 20mm down size,spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, including curing and steel form work, making provision for contraction/ expansion, construction & longitudinal joints of 10mm wide x 50mm deep by groove cutting machine, providing and filling joints with approved joint filler and sealent etc complete all as per direction of Enginner in charge.	Cu.m	90.00		
18	Supplying and spreading required thickness (Compacted thickness) of coarse aggregate of 40mm size spread, rolled and consilidated to gradient and camber required including a layer of grave/ muroom on to surface of metal with watering etc complete all as specified and directed by Officer in charge.	Cu.m	55.00		
19	Dismantling the existing reinforcement cement concrete and removing the dismantled materials from the permises to a far off place not not objected by any local civic authorities etc complete all as specified and directed by Officer in charge.	Cu.m	1.50		
TOTAL BASIC					
GST ON BASIC					
LANDED PRICE WITH GST					