

Name of Work:-

Campus development work in DISRA at sector 14 gandhinagar

BILL OF QUANTITIES					
Percentage Rate Tender					
Item No	Description of Item	Quantity	Unit	Rate In figures	Amount
1	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	3243.00	Cum.	109.24	354265.32
2	Construction of granular sub-base 150mm thick layer by providing coarse graded machine crushed B.T. material satisfying MOST specification of grading I (B.T. stone aggregate 53 mm to 26.5 mm 35 %, 26.5 to 4.75 mm - 45 % and 2.36 mm below - 20 %)including spreading in uniform layer with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC and compacting with vibratory roller to achieve the desired density etc. complete.	912.90	Cum.	1396.83	1275166.11
3	Providing and laying wet mix macadam 0.15m thick layer base course using machine crushed B.T. chips as per required gradation mixing with required optimum quantity of water, conveying the mix to site of work, spreading in to grade and camber with mechanical paver and consolidation each layer with vibratory roller including cost of material labour plant and equipment etc. complete.	870.30	Cum.	1458.44	1269280.33
4	Providing and laying in position Ready Mixed M-150 grade concrete for reinforced cement concrete work in Foundations & Plinth, using cement content as per approved Design Mix manufactured in fully automatic batching plant established on site and transported to site of work in transit mixer having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of reinforcement and including cost of centering. shuttering, formwork finishing and 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 the Engineer -In - Charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) PCC	791.20	Cum.	4645.80	3675756.96
5	Providing and laying trimix vacuum dewatering process of Ready Mixed M-250 grade concrete for reinforced cement concrete work in Road , using cement content as per approved Design Mix manufactured in fully automatic batching plant established on site and transported to site of work in transit mixer having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of reinforcement and centering. shuttering, formwork finishing and 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 the Engineer -In - Charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) including Compaction and finishing of cement concrete surface by trimix process ,inclusive of labour charges for the trimix vacuum dewatering process on cement concrete surface by using vacuum dewatering pump, surface floater, surface vibrator and machanical trowel including Channelling & making grooves and rough finish to surface by providing expansion joints, Contraction joints & construction joints with filling of joints with asphalt filler as directed by Engineer In charge & as per specification.	1054.90	Cum.	5693.37	6005936.01
6	Providing TMT Bar FE 550D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level complete for all floors.	26373.00	Kg	94.99	2505171.27
7	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	4230.00	Sqmt	706.90	2990187.00

Item No	Description of Item	Quantity	Unit	Rate In figures	Amount
8	Providing and Laying homogenous Grey cement based concrete kerbing of size 30 cm x 30 cm x 10 cm size as per detailed drawing having grade of concrete M25 grade, including necessary excavation, BBCC 1:5:10 7.5 cm as per detailed drawing fixing in line and level, filling joints in CM 1:3 with smooth finished, white washing three coats etc. complete as directed by Engineer in charge.	430.00	Rmt	374.92	161215.60
9	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm.	974.00	Rmt.	678.02	660391.48
				Total Rs.	18897370.08

I/We am/are willing to carry out the work at.....% above/below percent(Should be written in figures and words) of the estimated rate mentioned above. Amount of my /our

Tender works out as under.

Estimated amount put to tender

Deduct.....% below

Net

In words

Estimated amount put to tender

Add.....% Above

Net

In words

Notes:

- 1 The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
- 2 The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
- 3 Income tax TDS will be deducted at a source while making payments of bills
- 4 In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Deputy Executive Engineer
Capital Project Sub Division: 08
Gandhinagar

Executive Engineer
Capital Project Division: 4
Gandhinagar