

	<b>E Tender no-21/BVN/BOX CULVERT/2018</b>				
<b>Sub:Construction of Box Culvert and Road Work at Lignite project Bhavnagar</b>					
	<b>PRICE BID-I- BOX CULVERT</b>				
<b>Sr.No</b>	<b>Description</b>	<b>Qty.</b>	<b>Per</b>	<b>Rate</b>	<b>Amount</b>
1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto all lead and lift , required machinaries, tools, tackles, labours , transportaion,safety measurees etc. complete and as dircetd (A) Loose or soft soil	154.23	Cmt	0	0
2	Excavation for foundation for depth 1.5 m to 3.0 meter depth , including sorting out and stacking of useful materials and disposing off the excavated stuff upto all lead and lift , required machinaries, tools, tackles, labours , transportaion,safety measurees etc. complete and as dircetd (A) Loose or soft soil	15	Cmt	0	0
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation, etc. in layers not exceeding 20 cm. in depth consolidating each diposited layer by ramming and watering etc. complete and as directed with all lead , lift ,labour , tools , tackles, required equipment for compaction / consoloditation , safety measures , required equipment / machinaries ,transportation etc. complete and as directed.	93.6	Cmt	0	0
4	Providing and laying cement concrete 1:3:6 (1-Cement:3-coarsesand:6- aggregates 40mm nominalsize) and curing complete excluding cost of formwork in with all lead lift, all labours , tools , tackles , materials required etc. complete (A)Foundation and Plinth	20.09	Cmt	0	0
5	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work but including with compaction and curing of concrete , with all lead lift, all labours , tools , tackles , materials, machinaries required, safety measures etc. completein(A)Foundations,footings,Base of columns,Slabs and Mass concrete.	44.63	Cmt	0	0
6	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in but including with all lead lift, all labours , tools , tackles , transportations , loading , unloading ,materials machinaries , safety measures required etc. to complete the work (B) Walls, from top of foundation level upto floor Two level	40.8	Cmt	0	0

7	Providing formwork with sheating Steel sheet so as to give a fair finish including centering shuttering strutting and propping etc.for any height of propping and centering and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and lime including attached pilasters buttresses and string course and the like.including transportation,loading, unloading, ramming with labours, tools, tackles , safety measures etc. as per direction of Engineer incharge..	108	Smt	0	0
8	Providing formwork with sheating Steel sheet so as to give a fair finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work including all tools, tackles, materials , lbours , loading , unloading ,transportations etc. complete . (B)Flat Surfaces Such as soffits of suspended floor roof slabs Landings and the like(2)Floors etc. above 200mm in thickness. including transportation,loading, unloading, ramming with labours, tools, tackles etc. as per direction of Engineer incharge..	22.73	Smt	0	0
9	Providing and laying rubble for apron ( each stone weight not less than 40 kg.) including packing and filling in the interstices with quarry spall including transpoertation,loading, unloading, ramming with labours, tools, tackles etc. as per direction of Engineer incharge..	24.9	Cmt	0	0
10	Providing and laying rubble pitching laid in cement mortar 1:4 proportion with the surface pointed with cement mortar with 1:3 proportion for following thickness including curing etc.complete for all lead and lifts , loading , unloading , transporttaions, labours , materials, tools , tackles etc. complete . (a) 40 cm Thickness.	320	Smt	0	0
11	Providing P.V.C 100mm diameter weep hole including necessary iron gratings as per drawings	36	Each	0	0
12	Providing, cutting, placing of TMT Bar FE 415, reinforcement steel of all diameter confirming relevant IS for RCC work , including bending , binding with 18 gauge enameled wire and placing in position complete up to any height, including providing of all laps and charirs etc. complete and as directed including all tools, tackles, safety measures , labors , materials , machinaries , transportain , mobilisation , de mobilisation etc. complete as directed by EIC..	28316	Kg	0	0
13	Providing and laying filter media 600 mm thick as directed at the back of abutement return and wing wall as per detailed specification including transpoertation,loading, unloading, ramming with labours, tools, tackles etc. as per direction of Engineer incharge..	7.2	Smt	0	0

14	Providing and Fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete.(Having section of ISMC 100mm x 50mm x 1.2m with c/c distance 1.91m and 50mm NB (Horizontal Steel Pipe)including transpoertation,loading, unloading, ramming with labours, tools, tackles etc. as per direction of Engineer incharge..	47.66	Rmt	0	0
	Total				