

	E Tender no-17/BVN/PARKING SHED /2018(Re invite)				
Sub:Construction of Driver Room, Toilet Block and Parking Shed at Lignite project Bhavnagar					
	at Lignite project Bhavnagar				
	PRICE BID-I- Civil Work				
Sr.No	Description	Qty.	Per	Rate	Amount
1	Boring Holes 3.5 meters depth in all type of soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed with all lead and lift as directed by EIC. (I) 250 mm diameter of Piles	32	No	0	0
2	Extra for under reaming inside the bore holes for under reamed piles of 250 mm dia pile , for single ream pile.	32	No	0	0
3	Excavation for foundation up to 1.5 meter Depth for all type of soil , not requiring blasting, including sorting out and stacking of useful materials and disposing of the excavated stuff up to all lead and lift ,as directed including removing and disposing grass , root , shrub etc. as per the instruction of Engineer in charge.	11.9	Cmt	0	0
4	Filling in Foundation and plinth with Murrum or selected Soil in layers of 20 cm thickness ,including watering , ramming , consolidating and dressing etc. complete	5	Cmt	0	0
5	Filling in plinth with sand under floors including watering , ramming , consolidating and dressing etc. complete	5	Cmt	0	0
6	Providing and laying cement concrete 1:4:8 (1 cement: 4 coarse sand: 8 hand broken stone aggregate 40mm nominal size) and curing complete , excluding cost of Form work in (a) Foundation and Plinth.	8.4	Cmt	0	0
7	Providing and laying cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 stone aggregate 20mm nominal size) and curing complete for grouting of vertical pipe but excluding cost of Form work in (a) Foundation -	2.1	Cmt	0	0

8	Providing and laying cotrolled cement concrete M 200 , for RCC work including necessary vibrating , curing, ramming but excluding the cost of form work and reinforcement etc. complete as directed at all height , including testing etc. complete for Foundation Plie , Pile Cap, Ground Beam, , Floor slab, column, lintel, chajjas , slab and beams etc as direcetd and specified by EIC.	26.1	Cmt	0	0
9	Providing TMT Fe-415 bar reinforcement for RCC work inculding bending ,binding with 18 gauge enameled wire and placing in position Complete. Up to any height inculding providing all laps and chairs etc Complete up to floor two level . only Standard Laps should be measured & Paid.	2644	Kg	0	0
10	Providing Brick work, using common burnt clay building brick having crushing strength not less than 35 Kg/Sq cm. for Foundation and Plinth with necessary scaffolding etc. complete , including curing, racking out joints In cement mortar 1:6 (1- cement : 6 fine sand) including required all Tools , Tackles etc as directed - For Driver Cabin (A) For Conventional Brick work	6.7	Cmt	0	0
11	Providing Brick work, using common burnt clay building brick having crushing strength not less than 35 Kg/Sq cm. for Super structure above plinth level with necessary scaffolding etc. complete , including curing, racking out joints In cement mortar 1:6 (1- cement : 6 fine sand) including required all Tools , Tackles etc as directed - For Conventional Brick work	19.2	Cmt	0	0
12	Providing Half Brick masonry work, using common burnt clay building brick having crushing strength not less than 35 Kg/Sq cm. with necessary scaffolding etc. complete , including curing, racking out joints In cement mortar 1:4 (1- cement : 4 fine sand) including required all Tools , Tackles etc as directed - For Conventional Brick work	17	Smt	0	0

13	Providing and laying 10 mm thick cement plaster in single coat on ceiling , for interior plastering and finished even and smooth ,with Cement Mortar in proportion 1:4 ,(1 cement: 4 Fine sand) , including normal patta , groomes , roughing the RCC surface , including necessary scaffolding , curing etc. complete as directed and specified at all levels .	44	Smt	0	0
14	Providing and laying 15 mm thick cement plaster with Cement Mortar in proportion 1:4 ,(1 cement: 4 Fine sand) in single coat on brick/ concrete walls for interior plastering , including normal patta , groomes , roughing the RCC surface , including necessary scaffolding , curing etc. complete as directed and specified at all levels .	150	Smt	0	0
15	Providing and laying 20 mm thick sand faced cement plaster on wall up to height 10.0 meters above ground level , consisting of 12 mm thick backing coat of C.M. 1:3 and 8 mm. thick finishing coat ofC.M.(1:1) etc. complete including normal patta , groomes , roughing the RCC surface , including necessary scaffolding , curing etc. complete as directed and specified at all levels .	130	Smt	0	0
16	Providing Cement vata of 10 cmx 10 cm size , quarter round in cement mortar 1:1 including neat cement finishing , watering , curing etc. complete as directed by EIC.For Driver Cabin	14	Rmt	0	0
17	Providing and Fixing in position 35 mm. thick shutters for doors , windows and clere story windows , including indian teak wood frames 10 cm X 7 cm size including anodized aluminium fixtures and fastening like hinges , Aldrap , Tadi, tower bolt ,handles , hook & eye etc., including primer coat and two or more coats of enamel painting of approved quality etc. complete.For Fully pannelled shutter	9.45	Smt	0	0

18	Providing and Fixing in position 35 mm. thick shutters for doors , windows and clere story windows , including indian teak wood frames 10 cm X 7 cm size including anodized aluminium fixtures and fastening like hinges, aldrop, tadi , tower bolt , handles, hook and eye etc. complete ,including primer coat and two or more coats of enemal painting etc. of approved quality - Partly panneled and partly glazed shutter	5.76	Smt	0	0
19	Providing and applying Two coats of Oil Bound washable Distemper of standard quality manufactured as per latest IS and approved of brand like Asian, Nerolac or equivalent manufacturing and of required shade on previously distempered surfaces to given an even shade etc. , after throughly brushing ,washing,scraping clean of all dust dirt and other foreign matter , including preparing the surface even and sand paper smooth , with necessary scaffolding/Zulla etc complete at all level and as directed by Engineer in charge. Note:(1.) Bidders are requested to visit the site condition before quoting the rate . (2) Rates are for all height of building and at all level and including applying Lapi / Primer to match with the surface smooth and finish level , as and where required. (3) Scope of work include the all cleaning work which includes removing of colour stains on floors of each structures / staircase area / passages area / compound wall area after completion of colour works as directed by EIC.	170	Smt	0	0

20	Providing and applying three coats of water proof cement paint of approved brand manufactured as per latest IS, of Snowcem , Indocem , Decocem , Colourcem , Spremcem etc. as approved by EIC , approved tint on all previously applied surface with good quality brush to give an even shade including cleaning the surface to remove all dust, dirt mortar drops and other foreign matter and oil sports , other loose surfaces including curing the rendered surfaces with necessary scaffolding/Zulla etc. completed as directed and specified at all levels. NOTE: (1)Measurement will be considered for Plan area without increasing the quantity to get the equivalent plain area for the grained/sand faced surface .	130	Smt	0	0
21	Providing and Fixing MS grills of required pattern to wooden frames of windows etc. with M.S. Flats at required spacing and frame all around square or round bars with round headed bolts and nuts or by screws - For Plain grill	107	Kg	0	0
22	Providing and Fixing M.S. Fan Clamps with 16 mm . Dia , M.S. bar bent with hooked ends to RCC slab during laying including painting the exposed portion of loops all as per standard design complete.	2	No	0	0
23	Providing and laying approved color and shed and approved pattern vitrified tiles with zero absorption of premium grade in size 600 x 600 mm or (605 x 605 mm) with minimum thickness of 8mm procured from make like Asian, Simpolo, Euro ,Kajaria and Nitco or equivalent laid over base of 12 mm. thick cement mortar 1:3 (1 cement : 3 sand) in flooring , treads of steps , landing , skirting and risers ,including skirting of 10 cm. height etc complete , including finishing with filling joints with matching color grouts and white cement slury, cleaning etc. complete plus protecting the tiled floor from scratches during construction by appropriate mean as directed.For Driver Room	23.4	Smt	0	0

24	Providing and laying Polished kota stone slab of 25 mm. thick of approved quality , for Riser, steps , skirting , Dedo and pillar laid on 10 mm. thick cement mortar 1:3 (1 cement :3 coarse sand) and jointed with porper line and level with grey cement slurry mixed with pigment to match the shade of slab ,inlcuding rubbing, polishing the edges etc.,. complete as directed and specified by EIC. For Driver cabin	8.3	Smt	0	0
25	Providing and fixing 18 mm. thick marble salb as a Urinal partition with grey/white cement including , rubbing , polishing all edges etc. complete for Toilet Block	2.1	Smt	0	0
26.1	Providing and laying ceramic tiles 6 mm. thick of ISI mark, of approved colour and quality and brand in flooring , treads of steps and landing laid on bed of 12 mm. thick cement mortar 1:3 (1 cement :3 coarse sand) finishing it with flush pointing in white cement etc. complete as directed and specified	12	Smt	0	0
26.2	-do- as above but for Dedo , Riser etc. complete and approevd by EIC.	24.2	Smt	0	0
27	Providing & fixing Vitreous China Pattern white colour Water Closet Squating pan (Indian TYPE W.C. PAN) size 580 mm first quality including necessary 'P' or 'S' trap including jointing the trap with soil pipe in vitreous china white colour, including Foot rest etc. complete and as direcetd by EIC.	1	No	0	0
28	Providing & fixing Vitreous China Pattern white colour Wash down Water Closet (European TYPE W.C. PAN) first quality including necessary 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement: 1 fine sand) , including seat cover and frame etc. complete and as directed .	1	No	0	0
29	Providing and fixing Flat Back , White colour ,Wash basin of 550x400 mm size, glazed vitreous china of approved make and brand with a pair of MS/CI brackets painted as directed with a single hole for pillar , including sutting holes and making good the same but excluding the fittings . For Toilet Block	1	No	0	0

30	Providing and fixing Flat Back or corner type White colour ,Urinal of 430 x 260 x350 mm size, approved make and brand including fixing the Urinal with waste pipe , tap etc. complete and as directed - For Toilet Block	3	No	0	0
31	Providing and fixing to wall ceiling and floor 10.0 kg F/Cm2 working pressure polythene pipes of the 75 mm. out side diameter , low density , complete with special flange , compression type fittings , wall clips, clamps etc., including making good the wall ceiling and floor etc. complete as dircetd and specified by EIC. For Toilet Block	1.5	Rmt	0	0
32.1	Providing laying and jointing in true line and level 25 mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE /SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. For Toilet Block	10	Rmt	0	0
32.2	-do- as above but for 15 mm dia. UPVC Pipe - For Toilet block	5	Rmt	0	0

33	Construction of Inspection Chamber of internal size 45.5 cm x 61 cm and depth up to 45 cm with 230 mm th. Brick masonry in CM 1:6 over a bed 150 mm th. 1:4:8 brick bat cement concrete, including plastering with water proof cement mortar in proportion 1:4 with smooth finish surface, inside and external side up to 15 cms from average ground level, forming benching and channeling top 10 cm th. RCC slab with 1:2:4 concrete and nominal reinforcement as directed. Providing and fixing CI cover with frame ,total weight of cover with frame to be not less tha 38 kgs (weight of cover 23 kgs and wt. of frame 15 kgs) , RCC top slab with 1:2:4 mix (1 cement :2 coarse sand: 4 grade stone aggregarte of 20 mm. size) , foundation concrete 1:4:8 , inside plaster 15 mm. thick with cement mortar 1:3 finished smooth with floating coat of neat cement on walls and bed concrete etc. complete - Inside dimension 455 mm x 610 mm x 450 mm deep for single pipe line , including necessary excavation and back filling etc. complete as directed and specified.	1	No	0	0
34	Carrying out Plinth treatment to pre construction of new structure by spraying chemical solution for termite control treatment including labour and material consistant with ISI specifications .	40	Smt	0	0
35	Providing and fixing 32 mm. dia , CP brass waste coupling for washbasin and Urinal as directed and specified .For Toilet Block	4	No	0	0
36	Providing and fixing S.W gully trap with CI grating Brick masonry chamber and water tight CI Cover with frame of 300 mmx300 mm size (inside) with standard weight (i) Square mouth trap of 100 mm x100 mm size-P type	3	No	0	0
37	Providing and fixing brass screw down Bib taps of bright polished of 15 mm. dia .of IS standard make as approved by EIC.	2	No	0	0
38	Providing and fixing 15 mm. dia .,Pillar tap , capstan head , screw down high pressure with screws , shanks and back nuts as directed , approved and specified by EIC .	1	No	0	0

39	Providing and fixing brass screw down Stop taps of bright polished of 15 mm. dia .of IS standard make of approved quality by EIC.	4	No	0	0
40	Providing and fixing Chromium plated brass half turn Flush Cock of 32 mm. dia . Of approved quality including fixing in pipe line etc. complete as dirceted and specified by EIC.	2	No	0	0
41	Providing , laying , Fixing and jointing in line and level of 160 mm. dia non ISI 6 Kg/cm ² pressure drainage pipe line , including all fittings etc. complete and as approved and specified by EIC.	15	Rmt	0	0
42	Providing & fixing 60x45 cm beveled edge mirror of superior 4 mm thick glass mounted on 6 mm. thick plywood sheet with board at the back fixed to a wooden cleats with CP brass screw and washer etc completed.	1	No	0	0
43	Providing and fixing 25 mm. dia UPVC control valve as approved , directed and specified by EIC.	2	No	0	0
44	Providing and Fixing Glzed louvered glass windows and ventilators with teak wood frmæ of 10 cm x7 cm size including 3 coat of oil painting to wod work etc. cmplete as directed and specified by EIC	1.89	Smt	0	0
45	Providing formwork of ordinary timber plankings so as to give a rough finish including, centring shuttering, struting and propping etc.with Height of propping and centring with required supprot not exceeding 4.0 meter and removal of the same for cast in situ reinforced concrete and plain concrete work For Pile Cap , Ground Beam, Column, Lintel, Chajjas , beam and slab	117.3	Smt	0	0

46	Providing , fabricating and erecting in position MS structural steel like MS Square pipe of different size for shed work as per drawings , in sections, framed ,work by using approved makes as per IS 2062 , M.S. sections including cutting, welding, hydraulically bending, bolting, hoisting & fixing in position with all tools tackles, plants, welding m/cs, welding rods, wire ropes, lifting machineries, labours, scaffolding as per design etc. as directed including necessary civil, work & providing & applying primer coat of red lead paint and two coat of oil paint etc. complete as directed by EIC. at all height as per drawing . For parking Shed	1500	Kg	0	0
47	Providing , cutting and fixing 2 mm. thick glass FRP sheet of approved quality and shade on MS square pipe structure for parking shed roof with drilled bolt of 1.5 inch size etc. complete , including jointing the lap/gap with silicon materials etc. complete as directed as per drawings - For Parking shed	755	Sft	0	0
48	Providing and laying water proofing treatment on terrace by (a). Applying neat cement slurry 2.75 kg /m ² of cement admixed with water proofing compound after cleaning the surface.(b). Laying of bricks bats of 25 to 75 mm size in CM 1:5 (1 cement : 5 course sand) admixed with water proofing compound over 20mm thick layer of cement mortar 1:5 to required slop including rounding of junctions of walls and slab with spacing not more than 30 mm .(c) After two days of proper curing applying a second coat of cement slurry and cured for another two days .(d) Finishing the surface with 20mm thick cm 1:4.and cured for two days (e) Providing and laying 20 mm thick Chaina Mosaic flooring using broken pieces of glazed tiles (in one colour or more as per pattern) to be laid over cement sand mortar screed (1:2) and cement grouting with water proofing compound in required levels and slope and to be temped by wooden mallet and filling the joints with white cement with coloured pigments as required including rounding of junctions at walls, curing etc. As directed and specified . Water pond should be carried out for a period of two weeks as directed by EIC. Vata	25.3	Smt	0	0

