

E Tender no-18/LT/TOILET WORK/2018

Sub:Construction of Toilets Block for Tadkeshwar Vibhag Highschool at Village Tadkeshwar at GMDC Lignite Project Tadkeshwar , Tal- Mandvi, Dist- Surat .

Price Bid

Sr.No	Description	Qty.	Per	Rate	Amount
1	Boring Holes 3.5 meters depth in ordinary 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) 300 mm diameter of Piles	9	No	0	0
2	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. (1) For Hard Murum Soil	11.7	Cmt	0	0
3	Providing and laying cement concrete for P.C.C 1:3:6 (1 cement:3 coarse sand:6 stone aggregate of 40mm nominal size) and curing completed including the cost of form work in foundation and plinth as per instruction of Engineer in Charge.	4.794	Cmt	0	0
4	Providing and laying cotrolled cement concrete M 200 , work including necessary vibrating , curing, ramming , including the cost of form work and reinforcement etc. complete as directed at all height , including testing etc. complete - (a) Foundation Plie, beam , cross beam , step beam lintel beam, Slab beam ,roof slab , chajjas etc. complete as directed and specified	19.53	Cmt	0	0
5	Providing and laying in position T.M.T bar (Fe-415) reinforcement as per drawing including straightening, cutting to required length, bending, binding with 16 gauge annealed wire, welding if necessary, providing concrete cover block of required thickness, giving strength results including provision of wastage. rolling margin etc. (Only authorized laps will be measured and paid for). No extra labour shall be paid for making chairs and hooks. Rate includes cost of binding wire. up to floor all levels.	1900	kg	0	0

6	Providing Brick work, using common burnt clay building brick having crushing strength not less than 35 Kg/Sq cm. up to plinth level and 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	23.28	Cmt	0	0
7	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	7.25	Smt	0	0
8	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 .	165	Smt	0	0
9	Providing 20mm thick SAND FACED CEMENT PLASTER finished in two coats, 1 st base coat of 12 mm thick in CM (1:4) and 2 nd coat of 8 mm thick in CM (1:2) to all types of big or small and of any shape to brick stone or RCC surface including parapet at respective leve i line level and plumb including normal including making grooves in plaster, curing, scaffolding etc. complete including all men power,labour tools and tackles etc. complete and as directed by EIC.	92	Smt	0	0
10	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 enemal painting of approved quality etc. complete.For Fully pannelled shutter	8	Smt	0	0
11	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 - considering approx 30 kg/Smt -For Plain grill	50	Kg	0	0

12	Providing and laying 30 mm. thick polished Kotah Stone Slab flooring over 20 mm thick base (Average) of cement mortar 1:6 (1 cement : 6 coarse sand) of L.M. 1:1.5 and laid over and jointed with grey cement slurry including rubbing and polishing etc. complete as approved and directed by EIC- For Toilet floor and Urinal Otta	12.8	Smt	0	0
13	Providing and laying 25 mm. thick polished Kotah Stone Slab in Risers of Steps , Dedoand Pillars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete as approved and directed by EIC- For Toilet floor and Urinal Otta	6.4	Smt	0	0
14	Providing and laying cement concrete Pavement with CC 1:2:4 , including finishing with flaoiting coat of neat cement etc. complete	5.2	Cmt	0	0
15	Providing and laying White Glazed 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. and joint with white cement slurry etc. complete as directed and specified	48	Smt	0	0
16	Providing and fixing U.PVC \ SWR NANHI TRAP IS 14735 for drain with jali of the following nominal dia. of Self cleaning design with C.I. scread down or hinged grating and stainer including cost of cutting and making good the walls and floors. (i) 100 mm inlet.	7	No	0	0
17	Providing and fixing water closet squatting 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 required earth work, bad concreting , foot rest , connection pipe etc . complete	2	No	0	0
18	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 cutting holes and making good the same but excluding the fittings etc. as direcetd and specified	2	No	0	0
19	Providing and 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.	2	No	0	0
20	Providing and fixing screw down bib taps of approved quality e (A) Chromium plated screw down bib tap polished bright (i)20 mm	2	No	0	0

21	Providing and fixing 15 mm. dia Chromiu plated Pillar tap , capstan head , screw down high pressure with screws , shanks and back nuts as directed , approved and specified by EIC .	2	No	0	0
22	Providing and fixing Chromium plated brass half turn Flush Cock of 25 mm. dia . Of approved quality including fixing in pipe line etc. complete as dirceted and specified by EIC. For Gents Toilet	5	No	0	0
23	Providing and fixing Urinal of 550x300 mm size, approved make and brand including connecting the urinal with integaral longitudinal flush pipe , including the fixing the Urinal with waste pipe , tap etc. complete and as directed -	12	No	0	0
24	Providing and fixing Chromium plated , approved quality 20 mm brass screw down stop cock for washbasin and Urinal etc. complete and as directed by EIC	14	No	0	0
25	Providing and fixing Chromium plated bottle trap with necessary coupling of approved quality for wash basin.as directed and specified by EIC.	2	No	0	0
26.1	Providing and fixing to wall , ceiling and floor galvenised mild steel tubes (medium Grade) of following nominal bore , tube , fittings and clamps included making the all , celing and floor (1) 15 mm dia	25	Rmt	0	0
26.2	-do as above- 25 mm dia	105	Rmt	0	0
26.3	-do- as above 40 mm dia	12	Rmt	0	0
26.4	-do- as above 50 mm. dia	10	Rmt	0	0
27	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 150 mm x100 mm size-P or S type	7	No	0	0
28.1	Providing laying and jointing in true line and level 110 mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including all approved fittings , of approved make like 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 concelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	10	Rmt	0	0
28.2	-do- as above but for 160 mm. dia	10	Rmt	0	0

29	Construction of man hole with RCC top cover slab of 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate of 20 mm nominal size) , foundation concrete 1:3:6 , finished with a floting coat of neat cement and making channels at bottom in cement concrete 1:2:4 finsihed smooth complete , inside size 900x 1200 mm and depth up to 1500 mm. ,with 230 mm thick brick wall using brck having crushing strength not less than 35 Kg/Sq.cm in CM 1:5 , , plastering both side with1:3 CM , with smooth cement finish internally forming , benching , channeleing , fixing CI frame and cover with frame size 560 mm . Total weight of cover and frame to be not less than 128 Kgs(weight of Cover 64 Kg and weight of frame 64 kg) , including for necessary excavation and back filling etc complete , including all man power , materials , tools , tackles, safety measures , mobilisation , de mobilisation etc. complete and as directed	5	No	0	0
30	Providing sock Pit of 5.0 Cu.M volume , including excavating and filling brick bats with dry masonry work at top for 45 cm height , including covering the top with stone inclding providing vata in CM 1:3 with finishing , curing etc. complete as direcetd by EIC	2	No	0	0
31	Construction of Septic Tank of inside size 3.0 mt x 2 mt x 1.5 mt deep, with RCC top cover slab of M20 , foundation concrete 1:3:6 (1 cement : 3 coarse sand :6 Brick bats of 40 mm size) , 50 mm. thick with cement mortar 1:5 (1 cement : 5 coarse sand) , finished with a floting coat of neat cement and making channels at bottom in cement concrete 1:2:4 finsihed smooth complete including curing , testing etc. completed. , as per drawing ,with 230 mm thick brick wall and 230 th. partition brick wall , using brck having crushing strength not less than 35 Kg/Sq.cm in CM 1:5 , plastering both side with1:3 CM , with smooth cement finish internally forming , vent pipe, , cowl , benching , channeleing , fixing CI frame and cover with frame size 560 mm . Total weight of cover and frame to be not less than 128 Kgs , include for necessary excavation and back filling etc complte as directed including all man power , materials , tools , tackles, safety measures , mobilisation , de mobilisation etc. complete and	1	No	0	0
32	Providing and fixing Pre cast 100 mm. thick cement concrete Jali , up to floor two level , of M150 mix reinforced with 1.6 mm. dia MS wire including roughing , cleaning and finishing in CM1:3 and curing etc. complete .	3.6	Smt	0	0

33	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 , ICI, Burger oor equivalent as approved by EIC , and of required shade on plastered surfaces to given an even shade etc. ,including one coat of primer with alkali resistant ofapproved brand primer , after thoroughly 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.	125	Smt	0	0
34	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 .	92	Smt	0	0
35	Painting two coats with one coat of primer on new wood and wood based surface, new steel and other metal surface with enamel paints brushing, interior to give an even shade incl. cleaning the surface of all dirt, dust and other foreign matter and one coat of promar.	19.62	Smt	0	0
36	Providing , erecting and Fixing double coated PVC Water tank of ISI mark of required capacity , with necessary cover , making holes for inlet and out let connection , icluding necessary fittings etc.complete including all materials, labours , tools , tackles, safety measures etc. complete	4000	Liter	0	0
				0	0