

E Tender no-3/BVN/Canteen-E-gallaery- Sales cum Record room /2019					
Sub:Construction of e Gallery , sales Cum Record room and canteen building at Lignite project Bhavnagar					
PRICE BID-I- CIVIL WORK					
Note: The price bid contains separate quantity for each structures in all the items and bidders has to quote the same rate for each structure . If bidder quote the different rates for same item for different buildings , than the lowest rate of the particular item shall be considered for evaluation .					
Sr.No	Description	Qty.	Per	Rate	Amount
1.1	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) For All type of Soil- For Canteen Building	91.36	Cmt		
1.2	-do as above -For sales cum Record Room	105.93	Per		
1.3	-do as above -For E- Gallery Building	58.96	Cmt		
2.1	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto all lead , with all machinaries, safety measures , tools, tackles , labours etc. complete .(A) In all type of Soil - For Canteen Building	87.56	Per		
2.2	-do as above -For sales cum Record Room	75.83	Cmt		
2.3	-do as above -For E- Gallery Building	46.94	Cmt		
3.1	Excavation for foundation for depth from 3.0 m to 5.0 meter including sorting out and stacking of useful materials and disposing off the excavated stuff upto all lead , with all machinaries, safety measures , tools, tackles , labours etc. complete .(A) In all type of Soil - For Canteen Building	8.31	Cmt		
4.1	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. For Canteen Building	142	Cmt		
4.2	-do as above -For sales cum Record Room	48	Cmt		
4.3	-do as above -For E- Gallery Building	106	Cmt		
5.1	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. with all lead , lift ,materials ,labour , tools , tackles, required equipment for compaction / consoloditation , safety measures , required equipment / machinaries ,transportation etc. complete and as directed. For Canteen Building	10.5	Cmt		
5.2	-do as above -For sales cum Record Room	100	Cmt		
5.3	-do as above -For E- Gallery Building	100	Cmt		
6	Filling in foundation and plinth with Sand , including watering, ramming and consolidating etc. complete. with all lead , lift ,materials ,labour , tools , tackles, required equipment for compaction / consoloditation , safety measures , required equipment / machinaries , transportation etc. complete and as directed. For Canteen Building	10.5	Cmt		

7.1	Providing and laying cement concrete 1:4:8 (1-Cement:4-coarsesand:8- 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- For Canteen Building	23	Cmt		
7.2	-do as above -For sales cum Record Room	27.5	Cmt		
7.3	-do as above -For E- Gallery Building	13.5	Cmt		
8.1	Providing and laying controlled cement concrete M.150 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work , with compaction and curing of concrete , with all lead lift, all labours , tools , tackles , materials, machinaries required, safety measures etc. completein(A) For slab having 13.00cm and up to 15.00 cm.thickness .- For Canteen Building	10.8	Cmt		
8.2	-do as above -For sales cum Record Room	13.54	Cmt		
8.3	-do as above -For E- Gallery Building	5.63	Cmt		
9.1	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and excluding the cost of reinforcement for reinforced concrete work , with compaction and curing of concrete , with all lead lift, all labours , tools , tackles , materials, machinaries required, safety measures etc. completein(A) For For Foundation, Footings, Base of columns and Mass concrete .(2) For Columns , Pillars , Posts and Struts up to floor two level-(3) For Slabs, landing slabs, Shelves, chajjas , Coping , Balcony , Lintels, beams , Girders and cantilevers up to Floor two levels , Columns , Pillars , Posts and Struts up to floor two level- For Canteen Building	43.79	Cmt		
9.2	-do as above -For sales cum Record Room	59.36	Cmt		
9.3	-do as above -For E- Gallery Building	29.22	Cmt		
10.1	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 , labours , loading , unloading ,transportations etc. complete . (1)For Foundation, Footings,bases of columns and mass concrteing (2) For Flat Surfaces such as soffits of suspended floors slabs landing and the like(1)Floors etc. upto 200mm in thickness (3) For Sides and soffits of Beams,Beam Haunchings cantilevers Girders Bressumers and Lintels,Coping not exceeding 1M in Depth (4) For Chullah Hoods,weather shades Chhajjas Corbels etc.(5) Columns Pillars Posts and struts (1) Square, Ractangular Polygonal in plan , including edges etc. as directde by EIC.- For Canteen building	290.5	Smt		
10.2	-do as above -For sales cum Record Room	460.12	Smt		
10.3	-do as above -For E- Gallery Building	200.35	Smt		
11.1	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.. For Canteen building	5512	Kg		
11.2	-do as above -For sales cum Record Room	10936	Kg		
11.3	-do as above -For E- Gallery Building	5226	Kg		

12.1	Providing Brick work, using common burnt clay building brick having crushing strength not less than 35 Kg/Sq cm. In 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 Conventional Brick work - For Canteen Building	4.5	Cmt		
12.2	-do as above -For sales cum Record Room	12.2	Cmt		
12.3	-do as above -For E- Gallery Building	5	Cmt		
13.1	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 - For Canteen Building	25.4	Cmt		
13.2	-do as above -For sales cum Record Room	25.5	Cmt		
13.3	-do as above -For E- Gallery Building	10.5	Cmt		
14	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 - For Sales cum Record Room	14.64	Smt		
15.1	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 of C.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 . For Canteen Building	144	Smt		
15.2	-do as above -For sales cum Record Room	213.00	Smt		
15.3	-do as above -For E- Gallery Building	142.00	Smt		
16.1	Providing and laying 15 mm thick cement plaster with Cement Mortar in proportion 1:3 ,(1 cement: 3Fine sand) in single coat on brick/ concrete walls for interior plastering up to floor two levels, , including normal patta , groomes , roughing the RCC surface , including necessary scaffolding , curing etc. complete as directed and specified at all levels . For Canteen Building	170	Smt		
16.2	-do as above -For sales cum Record Room	311.50	Smt		
16.3	-do as above -For E- Gallery Building	120.00	Smt		
17.1	Providing 10mm thick cement plaster in single coat on brick/concrete wallls for plastering on ceiling and soffits of stairs above floor two level and finished even and smooth as directed and specified by EIC, including all Tools, tackles, labours , materials, scaffolding , safety measures etc. complete - For canteen Building	81	Smt		
17.2	-do as above -For sales cum Record Room	159.00	Smt		
17.3	-do as above -For E- Gallery Building	59.00	Smt		

18.1	Providing and laying approved color and shed and approved pattern Vitrified tiles , with zero absorption of premium grade in size 24"x24" 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 ,Dedo, 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 Canteen Building	59.20	Smt		
18.2	-do as above -For sales cum Record Room	84.50	Smt		
18.3	-do as above -For E- Gallery Building	58.50	Smt		
19.1	Providing and laying 25 mm. Thick Polished kota stone slab For Flooring , Riser of steps, Dedo, Skirting ,Dedo on Pillars , Platform , selves etc. over 20 mm.(average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M. 1:1.5 laid over and jointed with gray cement slurry including rubbing , polishing etc. , with all tools, tackles, labours , materials , transportaion , mobilization, de mobilization, wastages etc. complete as dircetd by EIC. complete.[A] 25 mm. thick. - For Flooring in Canteen Room	30.2	Smt		
19.2	-do as above -For sales cum Record Room	110.00	Smt		
19.3	-do as above -For E- Gallery Building	9.11	Smt		
20	Providing and fixing Kitchen Platform of Sand wich Type in position with mirror Polished Kesarayji Green marble Paltform with edge moulding , etc as dirceted with single bowl SS Sink (AISI 304-18/8 gauge Salem steel) of "Nirali" brand of size 20 "x 17" with necessary waster coupling drain pipe and long body Blb cock for water supply etc. complete . KitchenPlatform erected on 40 mm thick both sidePolished Kotah stone , with vertical supports , back and bottom with 30 mm. thick polished kotas stone base , with Kesarayaji greem marble facia and dedo up to windoe sill , with all strickle provided asper drawing and details with all exposed edges with mirror polished etc. complete and as direcetd by EIC(To be paid in Rmt measured on kitchen platform)-p For canteen Building	5.50	Rmt		
21	Providing and laying approved color and shed and approved pattern Ceramic Tiles of 6 mm. thick for skirting , risers of Steps and dedo ,from make like Asian, Simpolo, Euro ,Kajaria and Nitco or equivalent laid over base of 10 mm. thick cement mortar 1:3 (1 cement : 3 sand) , 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 Canteen Building	10.00	Smt		

22.1	<p>Providing and laying China Mosaic work in slope with white glazed Tiles broken equal pieces not more than 25 to 37 mm wide and colored glazed tiles equal pieces, with water proofing, making pattas, vattas etc. as per details with necessary thick bedding in CM (1:4) laid in required slope, consolidating with wooden hammer, filling joints with white cement, cleaning the surface and acid washing etc. complete as directed at any height. This item includes the work as per Specification.</p> <p>1). Before executing the china mosaic work first, Thoroughly cleaned surface free of dust, loose lumps of cement mortar, debris etc. than clean the surface with water and then after coating work of chemical water proofing is to be applied by brush or with other equipment as per the specification and direction suggested by manufacturer's of chemical water proofing work. The application is done on Floor area & vattas. Through approved water proofing chemical agency like CICO, FOS ROC or equivalent.co.)</p> <p>2)Providing and laying average 100 mm thick IPS (1:2:4) for slope in terraces at all levels including, watta, junction of pipes, shelves, drains, scaffolding, curing etc. complete as per specifications detailed below:</p> <p>3).Providing & applying chemical waterproofing work on IPS with vattas as per manufacturer's specification.</p> <p>4).On completion of the work as mentioned above as serial no 1 to 3 , the china mosaic work on terrace is to be started as per the specification mentioned as above with its details as directed.</p>	92.00	Smt		
22.2	-do as above -For Sales cum Record Room	153.00	Smt		
22.3	-do as above -For E- Gallery Building	66.00	Smt		
23.1	<p>Providing and Laying Granite slab of 18mm thick For Riser of steps ,Dado ,on Pillars , Sill/ jamb of Doors and windows laid 10 mm thick cement mortar 1:3(1-cement:3-coarse sand) and jointed with grey cement Slurry including rubbing and polishing etc complete at all level including all tools, tackles, materials, labours , transportation, mobilization, de mobilisation, wastages etc. complete as directed by EIC.- For Sales cum Record Room</p>	21.00	Smt		
23.2	-do as above -For E- Gallery Building	18.50	Smt		
24	<p>Providing and applying three coats of white washing with lime on plastered surface to wall to give an even shade , including thoroughly brooming the surface , to remove dirt, dust,mortar drops and loose scales of lime wash and other foreign matter up to satisfaction of engineer in charge with brush , scaffolding etc completed as specified at all levels complete- For Sales cum Record Room</p>	470.27	Smt		
25.1	<p>Applying two coats of Birla (white cement based) or Asian (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth at all level, including scaffolding , all tools , tackles, labours , amaterials, transporttaion , safety mesaures , mbilisation, de mobilisation etc. complete as dirceted by EIC- For Sales cum Record Room building</p>	179.24	Smt		
25.2	-do as above -For E- Gallery Building	179.24	Smt		

26.1	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 , over and including priming coat with alkali resistant primer of approved brand , 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. - For Canteen Building	250.30	Smt		
26.2	-do- as above But for E- gallery Building	179.24	Smt		
27.1	Providing and applying two 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 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 .For Canteen building	144	Smt		
27.2	-do as above -For Sales cum Record Room	212.75	Smt		
27.3	-do as above -For E- Gallery Building	142.00	Smt		
28	Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.- For E- Gallery Building	16.58	Smt		

29.1	Providing and fixing 35mm thick factory made moulded door shutter consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufactures specification and drawing. For Sales cum Record Room	7.56	Smt		
29.2	-do as above -For E- Gallery Building	4.20	Smt		
30.1	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window. For Sales Cum Record Room	11.50	Smt		
30.2	-do as above -For E- Gallery Building	11.50	Smt		
31	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 _ For Canteen Building	14.00	Smt		
32	Providing and Fixing in position 35 mm. thick shutters for Windows and clere story windows , including indian teak wood frames 10 cm X 7 cm size including anodized aluminium fixtures and fastening like hinges, aldrip, 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 panned and partly glazed shutter - For Canteen Building	14.40	Smt		
33	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation , Including all tools, tackles, safety measures , wastage, labours, materials , transportaion , mobilisation and de mobilisation etc. complete as directed by EIC.- For Sales cum Record Room	3.24	Smt		
34.1	Providing and Fixing M.S fan Clamps of shape and size as specified in existing R.C.C slab including cutting chase and making good.- For Canteen Building	7.00	No		
34.2	-do as above -For Sales cum Record Room	4.00	No		
34.3	-do as above -For E- Gallery Building	6.00	No		

35.1	Providing P.V.C. 100mm Diameter water spout including necessary iron grating as per drawings.- For canteen Building	6.00	No		
35.2	-do as above -For Sales cum Record Room	8	No		
35.3	-do as above -For E- Gallery Building	8	No		
36	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 -For Canteen Building	144	Kg		
37	Providing and applying Plinth treatment to Post Construction/existing structure by spraying chemical solution for termite controls treatment , including labour , mterials consistant with ISI specifications. Using Chlordane and Chiorpufiles 20 EC . as per 6131-para-II , concentration weight one percent is recomanded , i.e. 1 liter 20 EC chemical emulsionwith 19 liter give 1 % concentration inclusive of 1 liter chemical emulsion application at the rate of 5 liter chemical/Sqm of syrface is recomanded as per IS .including making holes etc complete and as directed and specified by EIC.- For Canteen Building	87	Smt		
38	Providing and fixing Vitreous china flat back wash basin of 550 x 400 mm size in white colour, as per requirement with single hole for pillar tap with CI or MS brackets painted white ,including cutting holes and making good the same but excluding fittings but including PVC connection pipe, PVC drain pipe etc.complete- For Canteen Building	2	No		
39	Providing and Fixing CP Brass waste coupling for wash basin or Sink of 32 mm Dia - For canteen Building	3	No		
40	Providing and fixing 600x450 mm beveled edge mirror of superior 4mm thick glass mounted on 6 mm thick plywood sheet and fixed to wooden hinges with CP brass screws and washers.- For Canteen building	2	No		
41	Providing and Fixing CP brass Towel Rail with CP brass brackets fixed to wooden plugs with CP brass screws of 600 mm x20 mm size - For Canteen builing	2	No		
42	Providing and fixing brass screw down Bib taps of bright polished of 15 mm. dia .of IS standard make as approved by EIC. - For Canteen builing	2	No		
43	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 .For Canteen Building	3	No		
44	Providing and fixing brass screw down Stop taps of bright polished of 15 mm. dia .of IS standard make of approved quality by EIC.For Canteen Building	3	No		
45	Providing , laying , Fixing and jointing in line and level of 160 mm. dia non ISI 6 Kg/cm2 pressure drainage pipe line , including all fittings etc. complete and as approved and specified by EIC. - For Canteen Building	40	Rmt		
46	Providing , erecting and Fixing double coated PVC Water tank on terrace , 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- For Canteen Building	2000	Liter		
47	Providing and fixing 25 mm. dia Ball Cock of approved quality of Gun / Copper /Metal as directed and specified by EIC.- For canteen building	1	No		

48.1	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 Canteen Building	40	Rmt		
48.2	-do as above but For 15 mm. dia UPVC Pipe for Canteen Building	20	Rmt		
49	Construction of Brick Masonry Chamber for Under Ground CI Inspection Chamber and bennds with 230 mm thick brick wall using brick having crushing strength not less than 35 Kg/Sq.cm in CM 1:5 , with RCC top cover slab of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) , foundation concrete 1:5:10 , finished with a floting coat of neat cement and making channels at bottom in cement concrete 1:2:4 finished smooth complete , inside size 455x 610 mm and depth up to 450 mm. ,, , plastering both side with 1:5 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 38 Kgs(weight of Cover 23 kg and weight of frame 15 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 - For canteen Building	3	No		
50	Providing PVC 100 mm. dia water spout including necessary iron gratings etc,. Complete as directd by EIC.- For Cantten Building	6	No		
51	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 - Required for Soak Pit at Canteen Building	3	No		
52	Providing and laying Brick bats around sok pit as directed by EIC- For canteen Building	13.04	Cmt		
53	Providing Hollow Type Brick work for Soak Pit , 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 1:6 (1- cement : 6 fine sand) including required all Tools , Tackles etc as directed - For Conventional Brick work - For Foundation and Plnth- For Soak Pit For Canteen Building	3.46	Cmt		
54	Supplying and Fixing CI Man hole cover of size 600mmx450 mm with frame having weight not less than 35 Kg.as directed for Soak Pit For Canteen Building	1	No		
55	Providinga and laying PVC pipe of Standard ISI make of 10 Kg/cm2 havingg internal diameter of 100 mm. including testing of pipes and joints etc. complet for Soak Pit at canteen building	20	Rmt		
	Total				