

KHAMBHAT MUNICIPALITY, KHAMBHAT			
BID DOCUMENT FOR CONSTRUCTION WORK OF MUNICIPALITY BUILDING AT KHAMBHAT NAGARPALIKA UNDER: SWARNIM JYANTI MUKHYA MANTRI SAHERI VIKAS YOJANA.( YEAR: 2025-26) GRANT ( SECOND ATTEMPT).			
GENERAL SUMMARY.			
Sr. No.	Description	Amount	
1	Ground Floor - Main Building.	Rs.	11416500.00
2	First Floor - Main Building.	Rs.	8293500.00
3	Second Floor - Main Building.	Rs.	8103300.00
4	Third Floor - Main Building.	Rs.	1612400.00
5	Fourth Floor - Lift Machine Room.	Rs.	451400.00
6	Plumbing and Sanitary - Main Building.	Rs.	390700.00
7	Parking Area Development - Paver Block Paving.	Rs.	600900.00
8	Compound Wall with MS Gate.	Rs.	1747300.00
9	8/10 Passenger Lift with G+3 Floor Provision.	Rs.	1385000.00
10	General Type Rain Water Harvesting System.	Rs.	661400.00
11	Proposed Flagpole.	Rs.	105510.00
12	Proposed Gardening, Horticultural & Plantation Work.	Rs.	228500.00
	<b>Total Rs.</b>		<b>34996410.00</b>
13	For General Electrification and Intercom Services etc.	Rs.	3505000.00
14	For Furniture Works, Sound System with Projector for Conference Hall, Name Plates, Logo, Title Board etc.	Rs.	6988600.00
15	Supply, Installation, Testing, Commissioning Of 65 Kw Grid Connected Rooftop Solar Project With 05 Year O & M At New Municipality Building At Khambhat Dist. Anand	Rs.	4660400.00
16	For Designing and Constructing Fire safety works Provision with all Service Components and UG Sump.	Rs.	2960300.00
	<b>Grand Total Rs.</b>		<b>53110710.00</b>
	<b>Deduct Credit of Material obtained after Dismantaling of Existing Nagarpalika Building ( Salvage Value of Material)</b>	Rs.	<b>1800000.00</b>
	<b>Grand Total Rs.</b>		<b>51310710.00</b>
	Add 2% for Contengencies Chargs Rs.		1026214.20
	Add 1% for Q.C. Charges Rs.		513107.10
	Add 18 % GST Rs.		9235927.80
	<b>Total Rs.</b>		<b>62085959.10</b>
	<b>Say, As.</b>		<b>62086000.00</b>
I / We am/are willing to carry out the work at _____ % above / below (percent should be written in figure and in words) of the estimated rates mentioned above. Amount of my/our tender works out as under.			
( In words ) _____ percentage above / below the estimated rate.			
Estimated Amount put to tender		Rs.	<b>62086000.00</b>
Deduct _____ % below Rs.		Rs.	
Net Amount		Rs.	
( In words ) _____			
Estimated Amount put to tender		Rs.	<b>62086000.00</b>
Add _____ % above Rs.		Rs.	
Total Amount		Rs.	
( In words ) _____			
*( Please strike out whichever is not applicable)			
Note :1	All work shall be carried out as per Public Works Department Hand Book and other specifications of Division or as directed.		
Note :2	Rates quoted include clearance of site (prior commencement of work and its close) in all respects and hold good for work under.		

Note : 3	1/ We have read the conditions mentioned in this tender and agree to abide by the same.
Note : 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.

Signature of Contractor

President  
Khambhat Nagarpalika  
Khambhat

Chief Officer  
Khambhat Nagarpalika  
Khambhat

**KHAMBHAT MUNICIPALITY, KHAMBHAT****CONSTRUCTION OF MUNICIPALITY BUILDING, AT KHAMBHAT.****GROUND FLOOR****SCHEDULE-B1**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	591.00 Cmt.	Excavation for Foundation upto 1.5 m. Depth including sorting out and stacking of useful materials and disposing of excavated stuff upto 50 Meter lead (A) (loose or soft soil)	122.94	Cmt.	72657.54
2	285.50 Cmt.	Excavation for Foundation from depth 1.5 m. to 3.0 m. including sorting out and stacking of useful materials and disposing of excavated stuff upto 50 Meter lead (A) (loose or soft soil). For column.	136.30	Cmt.	38913.65
3	876.50 Cmt.	Filling available excavated earth (excluding Rock) in trenches. Plinth, sides of foundations etc. in layers not exceeding 20cm. In depth consolidating each disposed layer by ramming and watering.	136.92	Cmt.	120010.38
4	74.50 Cmt.	Filling in foundation and plinth with murrum or selected soil in layers of 20cm thickness including watering, ramming and consolidating etc. complete.	294.38	Cmt.	21931.31
5	683.00 Smt.	Applying general insecticide pest control treatment to floors, cupboards etc including labour materials etc. complete. Using Imidacloprid 20 EC As Per 6113 pests Concentration Weight 0.50 percent is recommended on litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration with will be 40 litre inclusive of one litre chemical emulsion application 0.5 litre chemical /Sqm of surface is recommended as per I.S.	91.63	Smt.	62583.29
6	77.50 Cmt	Providing and laying cement concrete 1:3:6 (1 Cement, 3 coarse sand, 6 crushed stone aggregates 20mm nominal size) and curing complete excluding cost of formwork in Foundation and Plinth. Do For PCC.	3095.25	Cmt.	239881.88
7	169.50 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Column footings.	4627.82	Cmt.	784415.49

8	27.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork But Excluding the cost of reinforcement for reinforced concrete work in Column upto Plinth Level having any cross section area.	6071.11	Cmt.	163919.97
9	60.50 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns having any cross section area for all floors.	6198.37	Cmt.	375001.39
10	6.00 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC WALL having any cross section area for all floors.	8140.60	Cmt.	48843.60
11	59.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Ground Beam having any cross section area.	5999.40	Cmt.	356964.30
12	7.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in coping.	6212.51	Cmt.	46593.83
13	8.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Lintel/Chajjas for all floor.	7786.09	Cmt.	62288.72
14	109.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Slab having any thickness for all floors.	6457.94	Cmt.	703915.46
15	60.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Beams having any cross section area for all floors.	5886.28	Cmt.	353176.80
16	5.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Stairs for all floors.	7792.15	Cmt.	38960.75
17	54950.00 Kgs.	<b>T.M.T. Bars</b> Providing ISI Mark TMT Bar Fe-500 Reinforcment for R.C.C work including bending, binding and placing in position etc. complete for all Floors.	77.29	Kg.	4247085.50

18	59.50 Cmt.	Providing and Laying brick work using common burnt clay building bricks (Conventional) having crushing strength not less than 35 Kg./Sq. Cm. in foundation and plinth in Cement Mortar. (1:6) (1 Cement : 6 fine sand). (up to Plinth Level)	4214.33	Cmt.	250752.64
19	155.50 Cmt.	Providing and Laying Brick work using common burnt clay building bricks (Conventional) having crushing strength not less than 35 Kg./Sq. Cm. in Super Structure Above Plinth level in Cement Mortar (1:6) (1 Cement : 6 fine sand) etc. complete for any Height.	4496.05	Cmt.	699135.78
20	37.50 Smt.	Providing, laying and constructing half brick masonry work in super structure having crushing strength not less than 35 Kg./Sq. Cm. in cement mortar (1:4) (1 Cement : 4 Coarse sand) etc. complete for All Floors.	672.27	Smt.	25210.13
21	32.50 Smt.	Providing and fixing 35mm thick flush door shutters, solid core construction with frame of first class hardwood with cross band and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (A) Decorative type and bright finished M.S. Piano hinges of Nickel plated piano hinges in flush door shutters.	2753.56	Smt.	89490.70
22	22.00 Smt.	Providing and fixing window having extruded alluminium color powder coated section frame main outer size 95.00mm x 24.00mm x 1.17mm (of jindal Section no: 2459 @ wt. 0.738 Kg/Rmt.), horizontal three track member size 92.0 mm x 31.75mm x 1.30mm (of jindal Section no: 8688, @ Wt. 0.1.07Kg./Mt.), vertical member of size 92mm x 31.75mm x 1.50mm (of jindal section no: 8933@ Wt. 1.06 Kg/mt.) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal section no: 8947@ Wt. of 0.456 Kg./Mt) vertical member of size 40mm x 18mm x 1.29mm (of jindal Section No : 8949, @ Wt. 0.456 Kg/mt. with 5mm thick transparent bronze colour tinted float glass with powder coated alluminium fittings & fixtures and transperent silicon sealent glass fixing to frame as per details etc. Complete for Window.	1591.87	Smt.	35021.14
23	22.00 Smt.	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.(A) Shutters having width below 3.5 M.	3554.40	Smt.	78196.80

24	2.50 Smt.	Providing and fixing glazed louvered glass windows and ventilators with teakwood frame 10cm x 7cm size including 3 Coats of oil painting to wood work etc. complete.	4202.12	Smt.	10505.30
25	16.00 Smt.	Providing and fixing standard extruded of alluminium section of size 63.50 x 38.10 x 1.95mm (of jindal section no : 4605, @ Wt. 1.094 Kg/ Rmt with color powder coated alluminium frame with 5mm thick transperent bronze color tinted float glass as details etc. complete for Fix Windows/Glazing.	1301.82	Smt.	20829.12
26	25.00 Rmt.	Supplying and fitting Stainless Steel railing 3" pipe as hand rail with & S304 grade including required accessories or as directed by engineer in charge etc. complete.	555.50	Rmt.	13887.50
27	2055.00 Kgs.	Providing and fixing M. S. grills of required pattern to wooden frames of window etc. with M. S. flats at required spacings and frame alround square or round bars with round headed bolts and nuts or by screws. (A) Plain Grills.	106.23	Kg.	218302.65
28	42.00 Smt.	Applying Priming Coat on new steel and other metal surface by throughly cleaning, oil, grease and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead and Painting two coats with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	105.49	Smt.	4430.58
29	927.00 Smt.	Providing 15mm thick cement plaster in single coat on brick/concrete wall for interior plastering and finished even and smooth in cement mortar 1:4 (1 cement : 4 sand) and finishing with a floating coat of neat cement slurry upto floor two level.	232.68	Smt.	215694.36
30	617.00 Smt.	Providing 10mm thick cement plaster in single coat on ceilings and soffits of stairs for interior plastering and finished even and smooth in. Cement Mortar 1:4 ( 1 Cement : 4 Sand) and finishing with a floating coat of neat cement slurry for all floors.	213.15	Smt.	131513.55

31	758.00 Smt.	Providing 20 mm thick double coat mala cement plaster on interior brick/ concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 ( 1 Cement : 2 coarse sand) finished with trowel including scaffolding curing etc. complete. Do for Texture Plaster.	283.95	Smt.	215234.10
32	379.00 Smt.	Providing and Applying Textured Plaster of approved design/sample with all kinds of material, labor, taxation charges. Complete. As directed on site by EIC or any concern authority.	404.00	Smt.	153116.00
33	1544.00 Smt.	Applying two coats of putty & 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.	40.59	Smt.	62670.96
34	927.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from other foreign matter and also including preparing the surface even and sand papered smooth.	104.07	Smt.	96472.89
35	617.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on Ceiling & Sloping Roof surfaces to give an even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give and free from other foreign matter and also including preparing the surface even and sand papered smooth.	115.77	Smt.	71430.09
36	758.00 Smt.	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shade even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	Smt.	91157.08
37	259.00 Smt	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for light shade	1311.18	Smt	339595.62

38	42.00 Smt	Providing and Laying 24" x 24" 8mm thick Antiskid Vitrified tiles flooring over 20mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) on new surface including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing and cleaning the surface etc. complete.	1467.72	Smt	61644.24
39	38.00 Smt	Providing and laying 24"x24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:3 (1 Cement : 3 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Skirting./Wall Tiles/Dedo	1467.72	Smt	55773.36
40	68.00 Smt	Providing and Laying coloured glazed tiles of the size 300mm x 200mm x 8mm/300mm x 450mm x 8mm in skirting, riser of steps and dedo on 10mm thick cement plaster 1:3 (Cement : 3 coarse sand) and jointed with matching colour cement slurry.	1488.24	Smt	101200.32
41	77.00 Smt	Providing and laying polished Granite tiles 18 mm thick in risers of steps, skirting Dedo and pillars laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing, polishing, Moulding etc. complete. For Flooring, Doors & Windows Edges.	1633.17	Smt	125754.09
42	308.00 Smt	Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	773.66	Smt	238287.28
43	56.00 Smt	Supplying and fixing Board & Sinages with 3mm thick exterior grade ACP of Aludecore, Alstrong or Eurobond brand with Vinyl letters [Non Reflective] including propore M.S. Structure of 45x45mm Hollow square box section of 20guage with one coat of Anticorrossive paint and two coat of oil paint with required anchoring fastners etc. complete as per directed.	2525.00	Smt	141400.00



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Providing,Supplying & Fixing The Terracotta Jali of the size 8.5" X 8.5" X 2.5" INIGMA JALI & 8.5" X 8.5" X 2.5" PANAMA JALI. Including Transportation & Loading Unloading Charges Excluding labour Charges Etc. Complete. As directed on site by EIC or any concern authority.

**1313.00 For 8.5" X 8.5" X 2.5" INIGMA JALI**

55.55 Nos. 72937.15

**1313.00 For 8.5" X 8.5" X 2.5" PANAMA JALI.**

45.45 Nos. 59675.85

Total Rs. 11416463.14

**Say, As. 11416500.00**

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**CONSTRUCTION OF MUNICIPALITY BUILDING, AT KHAMBHAT.**

**FIRST FLOOR**

**SCHEDULE-B2**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	48.50 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns having any cross section area.	6239.49	Cmt.	302615.27
2	4.00 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC WALL having any cross section area for all floors.	8181.72	Cmt.	32726.88
3	11.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Lintel/Chajjas for all floor.	7827.21	Cmt.	86099.31
4	109.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Slab having any thickness for all floors.	6499.06	Cmt.	708397.54
5	71.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Beams having any cross section area for all floors.	5927.40	Cmt.	423809.10
6	5.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Stairs for all floors.	7833.27	Cmt.	39166.35
7	<b>T.M.T. Bars</b> 31400.00 Kgs.	Providing ISI Mark TMT Bar Fe-500 Reinforcment for R.C.C work including bending, binding and placing in position etc. complete for all Floors.	78.03	Kg.	2450142.00

8	147.50 Cmt.	Providing and Laying Brick work using common burnt clay building bricks (Conventional) having crushing strength not less than 35 Kg./Sq. Cm. in Super Structure Above Plinth level in Cement Mortar (1:6) (1 Cement : 6 fine sand) etc. complete for any Height.	4538.48	Cmt.	669425.80
9	105.00 Smt.	Providing, laying and constructing half brick masonry work in super structure having crushing strength not less than 35 Kg./Sq. Cm. in cement mortar (1:4) (1 Cement : 4 Coarse sand) etc. complete for All Floors.	726.70	Smt.	76303.50
10	28.50 Smt.	Providing and fixing 35mm thick flush door shutters, solid core construction with frame of first class hardwood with cross band and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (A) Decorative type and bright finished M.S. Piano hinges of Nickel plated piano hinges in flush door shutters.	2753.56	Smt.	78476.46
11	38.00 Smt.	Providing and fixing window having extruded alluminium color powder coated section frame main outer size 95.00mm x 24.00mm x 1.17mm (of jindal Section no: 2459 @ wt. 0.738 Kg/Rmt.), horizontal three track member size 92.0 mm x 31.75mm x 1.30mm (of jindal Section no: 8688, @ Wt. 0.1.07Kg./Mt.), vertical member of size 92mm x 31.75mm x 1.50mm (of jindal section no: 8933@ Wt. 1.06 Kg/mt.) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal section no: 8947@ Wt. of 0.456 Kg./Mt) vertical member of size 40mm x 18mm x 1.29mm (of jindal Section No : 8949, @ Wt. 0.456 Kg/mt. with 5mm thick transparent bronze colour tinted float glass with powder coated alluminium fittings & fixtures and transperent silicon sealent glass fixing to frame as per details etc. Complete for Window.	1591.87	Smt.	60491.06
12	9.50 Smt.	Providing and fixing FRP frame size 125 x 65 mm and 35 mm thick FRP shutter with wood grain raised panneled design finish shutter having extra reinforcement on side & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & Shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkhli. Rates are to be inclusive of S.S.hinges with fastener Sleeve & alluminium fixtures & fastenings.	2019.98	Smt.	19189.81
13	3.00 Smt.	Providing and fixing glazed louvered glass windows and ventilators with teakwood frame 10cm x 7cm size including 3 Coats of oil painting to wood work etc. complete.	4202.12	Smt.	12606.36

14	60.00 Smt.	Providing and fixing standard extruded of alluminium section of size 63.50 x 38.10 x 1.95mm (of jindal section no : 4605, @ Wt. 1.094 Kg/ Rmt with color powder coated alluminium frame with 5mm thick transperent bronze color tinted float glass as details etc. complete for Fix Windows/Glazing.	1301.82	Smt.	78109.20
15	10.00 Rmt.	Supplying and fitting Stainless Steel railing 3" pipe as hand rail with & S304 grade including required accessories or as directed by engineer in charge etc. complete.	555.50	Rmt.	5555.00
16	945.00 Kgs.	Providing and fixing M. S. grills of required pattern to wooden frames of window etc. with M. S. flats at required spacings and frame alround square or round bars with round headed bolts and nuts or by screws. (A) Plain Grills.	106.23	Kg.	100387.35
17	38.00 Smt.	Applying Priming Coat on new steel and other metal surface by throughly cleaning, oil, grease and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead and Painting two coats with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	105.49	Smt.	4008.62
18	1503.00 Smt.	Providing 15mm thick cement plaster in single coat on brick/concrete wall for interior plastering and finished even and smooth in cement mortar 1:4 (1 cement : 4 sand) and finishing with a floating coat of neat cement slurry upto floor two level.	281.63	Smt.	423289.89
19	855.00 Smt.	Providing 10mm thick cement plaster in single coat on ceilings and soffits of stairs for interior plastering and finished even and smooth in. Cement Mortar 1:4 ( 1 Cement : 4 Sand) and finishing with a floating coat of neat cement slurry for all floors.	235.03	Smt.	200950.65
20	391.00 Smt.	Providing 20 mm thick double coat mala cement plaster on interior brick/ concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 ( 1 Cement : 2 coarse sand) finished with trovel including scaffolding curing etc. complete. Do for Texture Plaster.	283.95	Smt.	111024.45
21	2358.00 Smt.	Applying two coats of putty & 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 paped smooth.	40.59	Smt.	95711.22

22	1503.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from other foreign matter and also including preparing the surface even and sand papered smooth.	104.07	Smt.	156417.21
23	855.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on Ceiling & Sloping Roof surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give and free from other foreign matter and also including preparing the surface even and sand papered smooth.	115.77	Smt.	98983.35
24	391.00 Smt.	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	Smt.	47021.66
25	196.00 Smt.	Providing and Applying Textured Plaster of approved design/sample with all kinds of material, labor, taxation charges. Complete. As directed on site by EIC or any concern authority.	404.00	Smt.	79184.00
26	613.00 Smt	Providing and laying 24" x 24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 Cement : 6 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Flooring.	1311.18	Smt	803753.34
27	63.00 Smt	Providing and laying 24" x 24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 Cement : 6 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Flooring (Antiskit).	1467.72	Smt	92466.36
28	34.00 Smt	Providing and laying 24"x24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:3 (1 Cement : 3 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Skirting./Wall Tiles/Dedo	1467.72	Smt	49902.48

29	221.00 Smt	Providing and Laying coloured glazed tiles of the size 300mm x 200mm x 8mm/300mm x 450mm x 8mm in skirting, riser of steps and dedo on 10mm thick cement plaster 1:3 (Cement : 3 coarse sand) and jointed with matching colour cement slurry.	1488.24	Smt	328901.04
30	81.00 Smt	Providing and laying polished Granite tiles 18 mm thick in risers of steps, skirting Dedo and pillars laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing, polishing, Moulding etc. complete. For Flooring, Doors & Windows Edges.	1633.17	Smt	132286.77
31	680.00 Smt	Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	773.66	Smt	526088.80
					<b>Total Rs. 8293490.83</b>
					<b>Say, As. 8293500.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**CONSTRUCTION OF MUNICIPALITY BUILDING, AT KHAMBHAT.**

**SECOND FLOOR**

**SCHEDULE-B3**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	48.50 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns having any cross section area.	6280.60	Cmt.	304609.10
2	4.00 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC WALL having any cross section area for all floors.	8222.83	Cmt.	32891.32
3	10.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Lintel/Chajjas for all floor.	7868.32	Cmt.	82617.36
4	109.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Slab having any thickness for all floors.	6540.17	Cmt.	712878.53
5	71.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Beams having any cross section area for all floors.	5968.51	Cmt.	426748.47
6	5.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Stairs for all floors.	7874.38	Cmt.	39371.90
7	<b>T.M.T. Bars</b>				
	31375.00 Kgs.	Providing ISI Mark TMT Bar Fe-500 Reinforcment for R.C.C work including bending, binding and placing in position etc. complete for all Floors.	79.08	Kg.	2481135.00

8	136.00 Cmt.	Providing and Laying Brick work using common burnt clay building bricks (Conventional) having crushing strength not less than 35 Kg./Sq. Cm. in Super Structure Above Plinth level in Cement Mortar (1:6) (1 Cement : 6 fine sand) etc. complete for any Height.	4580.91	Cmt.	623003.76
9	43.50 Smt.	Providing, laying and constructing half brick masonry work in super structure having crushing strength not less than 35 Kg./Sq. Cm. in cement mortar (1:4) (1 Cement : 4 Coarse sand) etc. complete for All Floors.	690.57	Smt.	30039.80
10	31.50 Smt.	Providing and fixing 35mm thick flush door shutters, solid core construction with frame of first class hardwood with cross band and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (A) Decorative type and bright finished M.S. Piano hinges of Nickel plated piano hinges in flush door shutters.	2753.56	Smt.	86737.14
11	43.50 Smt.	Providing and fixing window having extruded alluminium color powder coated section frame main outer size 95.00mm x 24.00mm x 1.17mm (of jindal Section no: 2459 @ wt. 0.738 Kg/Rmt.), horizontal three track member size 92.0 mm x 31.75mm x 1.30mm (of jindal Section no: 8688, @ Wt. 0.1.07Kg./Mt.), vertical member of size 92mm x 31.75mm x 1.50mm (of jindal section no: 8933@ Wt. 1.06 Kg/mt.) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal section no: 8947@ Wt. of 0.456 Kg./Mt) vertical member of size 40mm x 18mm x 1.29mm (of jindal Section No : 8949, @ Wt. 0.456 Kg/mt. with 5mm thick transparent bronze colour tinted float glass with powder coated alluminium fittings & fixtures and transperent silicon sealent glass fixing to frame as per details etc. Complete for Window.	1591.87	Smt.	69246.35
12	6.50 Smt.	Providing and fixing FRP frame size 125 x 65 mm and 35 mm thick FRP shutter with wood grain raised panneled design finish shutter having extra reinforcement on side & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & Shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkhli. Rates are to be inclusive of S.S.hinges with fastener Sleeve & alluminium fixtures & fastenings.	2019.98	Smt.	13129.87
13	2.50 Smt.	Providing and fixing glazed louvered glass windows and ventilators with teakwood frame 10cm x 7cm size including 3 Coats of oil painting to wood work etc. complete.	4202.12	Smt.	10505.30



14	60.00 Smt.	Providing and fixing standard extruded of alluminium section of size 63.50 x 38.10 x 1.95mm (of jindal section no : 4605, @ Wt. 1.094 Kg/ Rmt with color powder coated alluminium frame with 5mm thick transperent bronze color tinted float glass as details etc. complete for Fix Windows/Glazing.	1301.82	Smt.	78109.20
15	10.00 Rmt.	Supplying and fitting Stainless Steel railing 3" pipe as hand rail with & S304 grade including required accessories or as directed by engineer in charge etc. complete.	555.50	Rmt.	5555.00
16	1080.00 Kgs.	Providing and fixing M. S. grills of required pattern to wooden frames of window etc. with M. S. flats at required spacings and frame alround square or round bars with round headed bolts and nuts or by screws. (B) Plain Grills.	106.23	Kg.	114728.40
17	44.00 Smt.	Applying Priming Coat on new steel and other metal surface by throughly cleaning, oil, grease and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead and Painting two coats with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	105.49	Smt.	4641.56
18	1164.00 Smt.	Providing 15mm thick cement plaster in single coat on brick/concrete wall for interior plastering and finished even and smooth in cement mortar 1:4 (1 cement : 4 sand) and finishing with a floating coat of neat cement slurry upto floor two level.	308.86	Smt.	359513.04
19	869.00 Smt.	Providing 10mm thick cement plaster in single coat on ceilings and soffits of stairs for interior plastering and finished even and smooth in. Cement Mortar 1:4 ( 1 Cement : 4 Sand) and finishing with a floating coat of neat cement slurry for all floors.	256.92	Smt.	223263.48
20	430.00 Smt.	Providing 20 mm thick double coat mala cement plaster on interior brick/ concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 ( 1 Cement : 2 coarse sand) finished with trovel including scaffolding curing etc. complete. Do for Texture Plaster.	283.95	Smt.	122098.50
21	2033.00 Smt.	Applying two coats of putty & 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.	40.59	Smt.	82519.47

22	1164.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from other foreign matter and also including preparing the surface even and sand papered smooth.	104.07	Smt.	121137.48
23	869.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on Ceiling & Sloping Roof surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give and free from other foreign matter and also including preparing the surface even and sand papered smooth.	115.77	Smt.	100604.13
24	430.00 Smt.	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	Smt.	51711.80
25	215.00 Smt.	Providing and Applying Textured Plaster of approved design/sample with all kinds of material, labor, taxation charges. Complete. As directed on site by EIC or any concern authority.	404.00	Smt.	86860.00
26	675.00 Smt	Providing and laying 24" x 24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 Cement : 6 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Flooring.	1311.18	Smt	885046.50
27	42.00 Smt	Providing and laying 24" x 24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 Cement : 6 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Flooring (Antiskit).	1467.72	Smt	61644.24
28	32.00 Smt	Providing and laying 24"x24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:3 (1 Cement : 3 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Skirting./Wall Tiles/Dedo	1467.72	Smt	46967.04

29	126.00 Smt	Providing and Laying coloured glazed tiles of the size 300mm x 200mm x 8mm/300mm x 450mm x 8mm in skirting, riser of steps and dedo on 10mm thick cement plaster 1:3 (Cement : 3 coarse sand) and jointed with matching colour cement slurry.	1488.24	Smt	187518.24
30	81.00 Smt	Providing and laying polished Granite tiles 18 mm thick in risers of steps, skirting Dedo and pillars laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing, polishing, Moulding etc. complete. For Flooring, Doors & Windows Edges.	1633.17	Smt	132286.77
31	680.00 Smt	Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	773.66	Smt	526088.80
			<b>Total Rs.</b>		<b>8103207.55</b>
			<b>Say, As.</b>		<b>8103300.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**CONSTRUCTION OF MUNICIPALITY BUILDING, AT KHAMBHAT.**

**THIRD FLOOR**

**SCHEDULE-B4**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	5.50 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns having any cross section area.	6321.72	Cmt.	34769.46
2	2.50 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC WALL having any cross section area for all floors.	8263.95	Cmt.	20659.88
3	2.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Lintel/Chajjas for all floor.	7909.44	Cmt.	15818.88
4	8.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Slab having any thickness for all floors.	6581.29	Cmt.	52650.32
5	8.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Beams having any cross section area for all floors.	6009.63	Cmt.	51081.86
6	<b>T.M.T. Bars</b> 3600.00 Kgs.	Providing ISI Mark TMT Bar Fe-500 Reinforcment for R.C.C work including bending, binding and placing in position etc. complete for all Floors.	80.13	Kg.	288468.00
7	42.00 Cmt.	Providing and Laying Brick work using common burnt clay building bricks (Conventional) having crushing strength not less than 35 Kg./Sq. Cm. in Super Structure Above Plinth level in Cement Mortar (1:6) (1 Cement : 6 fine sand) etc. complete for any Height.	4623.34	Cmt.	194180.28

8	5.50 Smt.	Providing, laying and constructing half brick masonry work in super structure having crushing strength not less than 35 Kg./Sq. Cm. in cement mortar (1:4) (1 Cement : 4 Coarse sand) etc. complete for All Floors.	696.87 Smt.	3832.79
9	5.50 Smt.	Providing and fixing 35mm thick flush door shutters, solid core construction with frame of first class hardwood with cross band and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (A) Decorative type and bright finished M.S. Piano hinges of Nickel plated piano hinges in flush door shutters.	2753.56 Smt.	15144.58
10	0.00 Smt.	Providing and fixing standard extruded of alluminium section of size 63.50 x 38.10 x 1.95mm (of jindal section no : 4605, @ Wt. 1.094 Kg/ Rmt with color powder coated alluminium frame with 5mm thick transperent bronze color tinted float glass as details etc. complete for Fix Windows/Glazing.	1301.82 Smt.	0.00
11	830.00 Kgs.	Providing and fixing M. S. grills of required pattern to wooden frames of window etc. with M. S. flats at required spacings and frame alround square or round bars with round headed bolts and nuts or by screws. (A) Plain Grills.	106.23 Kg.	88170.90
12	6.00 Smt.	Applying Priming Coat on new steel and other metal surface by thoroughly cleaning, oil, grease and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead and Painting two coats with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	105.49 Smt.	632.94
13	53.00 Smt.	Providing 15mm thick cement plaster in single coat on brick/concrete wall for interior plastering and finished even and smooth in cement mortar 1:4 (1 cement : 4 sand) and finishing with a floating coat of neat cement slurry upto floor two level.	336.09 Smt.	17812.77
14	60.00 Smt.	Providing 10mm thick cement plaster in single coat on ceilings and soffits of stairs for interior plastering and finished even and smooth in. Cement Mortar 1:4 ( 1 Cement : 4 Sand) and finishing with a floating coat of neat cement slurry for all floors.	278.81 Smt.	16728.60
15	356.00 Smt.	Providing 20 mm thick double coat mala cement plaster on interior brick/ concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 ( 1 Cement : 2 coarse sand) finished with trowel including scaffolding curing etc. complete. Do for Texture Plaster.	283.95 Smt.	101086.20

16	113.00 Smt.	Applying two coats of putty & 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.	40.59	Smt.	4586.67
17	53.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from other foreign matter and also including preparing the surface even and sand papered smooth.	104.07	Smt.	5515.71
18	60.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on Ceiling & Sloping Roof surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give and free from other foreign matter and also including preparing the surface even and sand papered smooth.	115.77	Smt.	6946.20
19	356.00 Smt.	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shade even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	Smt.	42812.56
20	178.00 Smt.	Providing and Applying Textured Plaster of approved design/sample with all kinds of material, labor, taxation charges. Complete. As directed on site by EIC or any concern authority.	404.00	Smt.	71912.00
21	21.00 Smt	Providing and laying 24" x 24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 Cement : 6 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Flooring.	1467.72	Smt	30822.12
22	2.00 Smt	Providing and laying 24"x24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:3 (1 Cement : 3 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Skirting.	1467.72	Smt	2935.44

23	0.00 Smt	Providing and laying polished Granite tiles 18 mm thick in risers of steps, skirting Dedo and pillars laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 course sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing, polishing, Moulding etc. complete. For Flooring, Doors & Windows Edges.	1633.17	Smt	0.00
24	700.00 Smt	Providing and Laying Broken China Mosaic flooring for Terrace using 12mm Broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar cream out up to surface using white cement including rounding off junctions and extending them up to 15cm long the wall, clearing with water and oxalic acid etc. as directed.	779.70	Smt	545790.00
25	0.00 Smt	Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	773.66	Smt	0.00
			<b>Total Rs.</b>		<b>1612358.16</b>
			<b>Say, As.</b>		<b>1612400.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**CONSTRUCTION OF MUNICIPALITY BUILDING, AT KHAMBHAT.**

**LIFT ROOM (FOURTH FLOOR)**

**SCHEDULE-B5**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	4.00 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns having any cross section area.	6362.84	Cmt.	25451.36
2	1.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Lintel/Chajjas for all floor.	7950.56	Cmt.	7950.56
3	5.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Slab having any thickness for all floors.	6622.41	Cmt.	33112.05
4	4.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Beams having any cross section area for all floors.	6050.75	Cmt.	24203.00
5	1925.00 Kgs.	<b>T.M.T. Bars</b> Providing ISI Mark TMT Bar Fe-500 Reinforcement for R.C.C work including bending, binding and placing in position etc. complete for all Floors.	80.13	Kg.	154250.25
6	11.00 Cmt.	Providing and Laying Brick work using common burnt clay building bricks (Conventional) having crushing strength not less than 35 Kg./Sq. Cm. in Super Structure Above Plinth level in Cement Mortar (1:6) (1 Cement : 6 fine sand) etc. complete for any Height.	4623.34	Cmt.	50856.74
7	2.00 Smt.	Providing and fixing 35mm thick flush door shutters, solid core construction with frame of first class hardwood with cross band and face veneer or plywood face panels, including anodised aluminium butt hinges with necessary screws. (A) Decorative type and bright finished M.S. Piano hinges of Nickel plated piano hinges in flush door shutters.	2753.56	Smt.	5507.12



8	2.00 Smt.	Providing and fixing window having extruded alluminium color powder coated section frame main outer size 95.00mm x 24.00mm x 1.17mm (of jindal Section no: 2459 @ wt. 0.738 Kg/Rmt.), horizontal three track member size 92.0 mm x 31.75mm x 1.30mm (of jindal Section no: 8688, @ Wt. 0.1.07Kg./Mt.), vertical member of size 92mm x 31.75mm x 1.50mm (of jindal section no: 8933@ Wt. 1.06 Kg/mt.) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal section no: 8947@ Wt. of 0.456 Kg./Mt) vertical member of size 40mm x 18mm x 1.29mm (of jindal Section No : 8949, @ Wt. 0.456 Kg/mt. with 5mm thick transparent bronze colour tinted float glass with powder coated alluminium fittings & fixtures and transperent silicon sealent glass fixing to frame as per details etc. Complete for Window.	1591.87	Smt.	3183.74
9	45.00 Kgs.	Providing and fixing M. S. grills of requiried pattern to wooden frames of window etc. with M. S. flats at requiried spacings and frame alround square or round bars with round headed bolts and nuts or by screws. (B) Plain Grills.	106.23	Kg.	4780.35
10	2.00 Smt.	Applying Priming Coat on new steel and other metal surface by thoroughly cleaning, oil, grease and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead and Painting two coats with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	105.49	Smt.	210.98
11	51.00 Smt.	Providing 15mm thick cement plaster in single coat on brick/concrete wall for interior plastering and finished even and smooth in cement mortar 1:4 (1 cement : 4 sand) and finishing with a floating coat of neat cement slurry upto floor two level.	336.09	Smt.	17140.59
12	25.00 Smt.	Providing 10mm thick cement plaster in single coat on ceilings and soffits of stairs for interior plastering and finished even and smooth in. Cement Mortar 1:4 ( 1 Cement : 4 Sand) and finishing with a floating coat of neat cement slurry for all floors.	278.81	Smt.	6970.25
13	74.00 Smt.	Providing 20 mm thick double coat mala cement plaster on interior brick/ concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 ( 1 Cement : 2 coarse sand) finished with trowel including scaffolding curing etc. complete. Do for Texture Plaster.	283.95	Smt.	21012.30
14	76.00 Smt.	Applying two coats of putty & 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.	40.59	Smt.	3084.84

15	51.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from other foreign matter and also including preparing the surface even and sand papered smooth.	104.07	Smt.	5307.57
16	25.00 Smt.	Distempering (Three Coat) with oil bound washable distemper of approved brand and manufacture and of required shade on Ceiling & Sloping Roof surfaces to give and even shade over and including a primer coat with alkali resistance primer of approved brand after thoroughly brushing the surface to give and free from other foreign matter and also including preparing the surface even and sand papered smooth.	115.77	Smt.	2894.25
17	74.00 Smt.	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	Smt.	8899.24
18	37.00 Smt.	Providing and Applying Textured Plaster of approved design/sample with all kinds of material, labor, taxation charges. Complete. As directed on site by EIC or any concern authority.	404.00	Smt.	14948.00
19	24.00 Smt	Providing and laying 24" x 24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 Cement : 6 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Flooring.	1397.83	Smt	33547.92
20	2.00 Smt	Providing and laying 24"x24" Vitrified 8 mm to 10mm thick tiles flooring over 20 mm (average) base of cement mortar 1:3 (1 Cement : 3 Coarse Sand) and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Skirting.	1467.72	Smt	2935.44
21	2.00 Smt	Providing and laying polished Granite tiles 18 mm thick in risers of steps, skirting Dedo and pillars laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 course sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing, polishing, Moulding etc. complete. For Flooring, Doors & Windows Edges.	1633.17	Smt	3266.34

- 22      28.00      Providing and Laying Broken China Mosaic flooring for Terrace  
Smt      using 12mm Broken pieces of glazed tiles to be laid over cement  
mortar 1:3 to plain or slope and to be tempered to bring mortar  
cream out up to surface using white cement including rounding  
off junctions and extending them up to 15cm long the wall,  
clearing with water and oxailic acid etc. as directed.

779.70      Smt      21831.60

**Total Rs.      451344.49**

**Say, As.      451400.00**

**KHAMBHAT MUNICIPALITY KHAMBHAT**

**CONSTRUCTION OF PLUMBING & SANITARY AT MUNICIPALITY BUILDING, AT KHAMBHAT.**

**(PLUMBING AND SANITARY)**

**SCHEDULE-B6**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Per</b>	<b>Amount</b>
1	15.00 Nos.	Providing and fixing wash down water closet (European type W.C. Pan) with internal P or S trap including jointing the trap with soil pipe in cement mortar 1:1 ( 1 cement : 1 fine sand). Rates including providing and fixing plastic seat cover with C.P. brass hinges and rubber buffers, Jet spray heavy duty with S.S. braided hose 60 cm long and chromium plates brass half turn flush cock of approved quality etc. complete as directed.	2220.99	No.	33314.85
2	40.00 Nos.	Providing and fixing 15mm. Dia Chromium Plated Brass screw down bib tap of approved quality in pipeline and testing etc. complete as directed by Engineer-in-charge.	186.83	No.	7473.19
3	15.00 Nos.	Providing and fixing gun metal check or non return fullway wheel valve of 25 mm Dia.	420.63	No.	6309.52
4	15.00 Nos.	Providing and fixing gun metal check or non return fullway wheel valve of 40 mm Dia.	663.43	No.	9951.43
5	40.00 Nos.	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	586.27	No.	23450.99
6	30.00 Nos.	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.	1292.19	No.	38765.82

7	6.00 Nos.	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets.	3660.76	No.	21964.53
8	4000.00 Lits.	Providing erecting and fixing double coated ISI mark water tank of required capacity with all necessary fittings & connection etc. complete on terrace	3.95	Lit.	15796.40
9	20.00 Nos.	Providing and fixing white vitreous china flat back wash basin of 550mm x 400mm size with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same. Rates including providing and fixing 32mm dia C.P. Brass waste couplin, 32mm dia M.I. Fisher unit, Brass screw down stop tap of 15mm dia pillar tap capstan head, screw down high pressure with screws, shanks, back nuts, PVC pipe & 32mm dia flexible waste pipe up to Nani Trap etc. complete as directed by engineer in charge.	2188.67	No.	43773.40
10	50.00 Rmt.	Providing and laying (To level or slopes) and jointing with stiff mixture of cement mortar in proportion 1:1 salt glazed stone ware pipes including testing of pipes and joint complete. (B) 150 mm Dia	317.47	Rmt.	15873.67
11	8.00 Nos.	Providing and fixing 600 mm x 450 mm bevelled edge mirror of superior glass mounted on 6 mm thick A.C Sheets or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	859.41	No.	6875.27
12	60.00 Rmt.	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for portable water of following dia. Nominal bore tube fitting and clamps including making good the wall, ceiling and floor etc. complete. For 40mm Dia.	447.72	Rmt.	26863.37

13	75.00 Rmt.	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for portable water of following dia. Nominal bore tube fitting and clamps including making good the wall, ceiling and floor etc. complete for 25mm.	253.82	Rmt.	19036.73	
14	50.00 Rmt.	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for portable water of following dia. Nominal bore tube fitting and clamps including making good the wall, ceiling and floor etc. complete for 15mm dia	170.36	Rmt.	8517.84	
15	60.00 Rmt.	Providing and Fixing to wall ceiling and floor 110 mm Dia 6.kg. F/Cm2 working Pressure polythene pipes of the following outside Dia. Low density, complete with special flange compression type fitting, wall clips etc. including making good the wall ceiling and floor.	339.05	Rmt.	20342.81	
16	80.00 Rmt.	Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	876.90	Rmt.	70152.18	
17	9.00 Each	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	1618.51	Each	14566.63	
18	5.00 Each	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	1526.65	Each	7633.23	
					<b>Total</b>	<b>390661.86</b>
					<b>Say, Rs.</b>	<b>390700.00</b>

**KHAMBHAT NAGARPALIKA KHAMBHAT**

**CONSTRUCTION OF PAVER BLOCK AT MUNICIPALITY BUILDING, AT KHAMBHAT.**

**SCHEDULE-B7**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	60.00 Cmt.	Box Cutting the Road Surface to proper slope and camber for making a base for road work including removing the excavated stuff and disposing to road slope as directed all lead and lift etc. complete upto 50 mt. Lead	109.41	Cmt.	6564.60
2	60.00 Cmt	Providing and laying cement concrete (1:4:8) (1 Cement, 4 Coarse sand, 8 Crushed stone aggregate 40 mm nominal) and curing complete excluding cost of formwork in foundation and plinth. (more than 10 ton)	2769.69	Cmt.	166181.40
3	400.00 Smt	Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / Vibrated mechanically as per approved design confirming to IS 15658 : 2006 including 35mm sand layer for levelling and filling the joint with sand in proper line and level etc complete as per guidelines of IRC : SP 63 - 2018.	706.93	Smt	282772.00
4	1600.00 Rmt	Providing cement vata (10cm.x10cm.size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	24.28	Rmt	38848.00
					<b>Total, Rs. 494366.00</b>
					<b>Add :- 18% GST Rs. 88985.88</b>
					<b>Total, Rs. 583351.88</b>
					<b>Add :- 2% of Contingency Charges Rs. 11667.04</b>
					<b>Add :- 1% of Quality Controll Rs. 5833.52</b>
					<b>Total, Rs. 600852.44</b>
					<b>Say, Rs. 600900.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**CONSTRUCTION OF COMPUND WALL AND ENTRANCE M.S. GATE**

**SCHEDULE-B8**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	227.00 Cmt.	Excavation for foundation up to 1:5 mt. Depth including sorting out and stacking of useful materials and depositing of the excavated stuff up to 50 meter lead.	117.08	Cmt.	26576.98
2	42.00 Cmt.	Excavation for foundation from depth 1:5 mt. to 3.0 mt. Depth including sorting out and stacking of useful materials and depositing of the excavated stuff up to 50 meter lead. (a) Loose or soft soil.	129.81	Cmt.	5451.82
3	189.00 Cmt.	Filing available excavated earth (excluding rock) in trenches plinth sides of foundations etc. in layers not exceeding 20cm. In depth consolidating each deposited layer by remming and watering.	130.39	Cmt.	24643.90
4	25.00 Cmt.	Providing and laying cement concrete 1:4:8 (1-Cement : 4-fine sand : 8-graded birck aggregates 40 mm nominal size) and curing complete excluding cost of form work in (a) Foundation and plinth.	2660.45	Cmt.	66511.28
5	40.00 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Column footings.	4775.28	Cmt.	191011.20
6	6.00 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork But Excluding the cost of reinforcement for reinforced concrete work in Column upto Plinth Level having any cross section area.	7680.04	Cmt.	46080.24
7	6.00 Cmt.	Providing and Laying controlled cement concrete M-250 and curing complete, including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Columns having any cross section area upto floor two level.	9244.53	Cmt.	55467.18
8	9.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Ground Beam having any cross section area.	6228.67	Cmt.	59172.37



9	6.50 Cmt.	Providing and laying controlled cement concrete M-250 and curing complete including the cost of formwork and excluding the cost of reinforcement of reinforced concrete work in COPING	6228.67	Cmt.	40486.36
10	6850.00 Kgs.	<b>T.M.T. Bars</b> Providing and supplying TMT Fe-500 bar steel reinforcement for R.C.C work including bending, binding and placing in position etc. complete	76.21	Kgs.	522070.01
11	62.00 Cmt.	Brick work using common burnt building bricks having crushing strength not less than 35 Kg./cm <sup>2</sup> in super structure for Ground Floor in C.M. (1:6) (1 Cement, 6 fine sand) racking out joints curring etc. complete directed by Engineer-in-charge.	4295.99	Cmt.	266351.67
12	210.00 Smt	20 mm thick sand faced cement plaster on walls up to height 10 metres above ground level consisting of 12 mm thick backing coat of C:M 1:3 (1-cement :3-sand) and 8mm thick finishing coat of C:M 1:1 (1-cement :1-sand) etc complete.	300.66	Smt.	63137.93
13	210.00 Smt	Finishing wall with water proof exterior emulsion apex paint of on wall surfaces (two coats) to give an approved brand and manufacture and of required slope even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials. etc completed.	114.53	Smt.	24052.14
14	3380.00 Kgs.	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	104.04	Kgs.	351655.54
15	46.00 Smt.	Painting two coats (Including Priming Coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	99.990	Smt.	4599.54
Total Amount					1747268.13
Say, Rs.					<b>1747300.00</b>

KHAMBHAT MUNICIPALITY KHMBHAT						
Construction Work Of Proposed Passanger Lift At Municipality Building At Khambhat.						
SCHEDULE-B9						
SR	REF. NO.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
		<b>GENERAL DESCRIPTION OF LIFTS,13-1</b>				
1		Supplying, Erecting, Testing & Commissioning the passenger / stretcher lift having following main features:				
		[1] GEAR LESS LIFT DRIVE (MRL) comprising of High Starting torque Lift 3 phase 440 V A. C. Permanent Magnet Synchronous motor of proper rating with high efficiency shall be used.[2] Micro processor based / PLC, ACVVVF, vector control drive with encoder feedback closed loop system shall be used for lift car and door operation which shall be full collective selective operation hall call demand response, UP/DOWN hall stops, Main, Up/ Down Contactor with overload and phase reversal relay and safety controls.				
		[3] Car with M S platform with bracings of adequate size and to sustain the impact load cabin + passenger with safety factor of fire for steel and side panels of Stainless steel of sheet of grade 304 duty. Car ceiling will be S.S. finishes with aesthetic appearance with LED ceiling lights. Car flooring shall be of anti skid PVC with choice of colour of engineer in charge. Car doors shall be of stainless steel grade 304, hairline finish with centre opening / telescopic automatic doors. Car panel will also be S.S. 304 finished with emergency stop device, mechanical door safety device, facility of auto/ attended mode. All car panel buttons and all floor switches must be with brail language as per lift act.				
		[4] All landing doors must be fire rated for 2 hour shall be fully automatic centre opening/ telescopic opening made of hairline finish steel grade of 304 with key holes and infrared curtains with Unlocking facility from outside. [5] Appropriate battery operated emergency light in the car along with alarm switch shall be provided. Also, Emergency Light & Fan should start immediately without any Time Delay as soon as power fails. [6] Digital scrolling indicator system for up-down arrow along with floor position indicator shall be provided inside the car and at all floors. [7] Full height infra red curtain with multiple cross / crossing light beams shall be provided.[8] Automatic Rescue Device (ARD) shall be provided accordingly of passenger capacity with Manual Rescue Operation ( Manual Cranking Facility). [9] Audio visual indication in the lift car showing over loading shall be provided such that doors kept open till excess load is removed.				
		[10] Spring buffers/PU Buffers shall be provided. [11] Car fan as per passenger capacity with automatic sleep timer shall be provided. [12] Voice annunciator with suitable music shall be provided in lift car. [13] Self diagnostics system for operational and safety parameters shall be provided in control panel. [14] Mechanical over speed governor with governor calibration as per actual site parameters and submission of calibration certificate submission, door key holes in the floor doors, fireman switch shall be provided. [15] Lift machine hoisting arrangement in the lift machine room and monkey ladder for lift pit should be provided by the lift agency, along with the other steel structure works, foundations for the machine etc.. [16] In the hoist way fascia plate shall be provided without any extra cost, where ever required as / if directed by engineer in charge.				
		[17] Permanent wiring with necessary safety devices like RCCB in all circuit, Over Voltage Under Voltage protection and THD eliminator in circuit for lift machine room and lift well with proper numbers of light points, with fixtures, exhaust fan and plug points shall be provided by the agency. Only 3 phase Power Supply shall be made available by department in lift machine room. Necessary Earthing as per Lift Act/Rules shall be arranged by Lift Agency. [18] Any civil/ electrical works for additional and alteration in lift shaft and machine room related to erection of lift shall be made by lift agency without any extra cost. (granite/marble fixing around all landing door openings are not in lift agency's scope.) [19] Agency has to provide all working drawings and documents and liaison services for obtaining all necessary permission from lift inspector and other authorities. [20] acrylic transparent licence/display A4 size holder in lift car				

	<p>[20A] As per statutory requirement of Govt. Of Gujarat lift &amp; escalator act 2000, lift agency has to provide</p> <ol style="list-style-type: none"> <li>1. Car top safety barricade</li> <li>2. Push &amp; talk communication system.</li> <li>3. Fireman's switch operation at Ground Floor.</li> <li>4. carrying out third party lift inspection during/after lift erection and provide report by third party authorized by concern licensing authority</li> <li>5. agency has to provide third party insurance upto completion of free maintenance period and submit the document for the same.</li> </ol>					
	<p>[21] Car Panel Operating Buttons with floor position indicator/buttons must be of Auto Glow type clearly visible when view from inside cabin.</p> <p>[22] For Physically Handicapped person Full Length Handrails of hairline finish steel grade of 304 should be provided at appropriate height on the Rear &amp; Side Wall Panels in Lift Car.</p>					
	13-1-S	8/10 Passengers, Ground plus 3 upper floors with Rated Speed of 1.0 m/sec.,(B) With General Specification attached herewith. Cat.II	1.00	Each	1335269.49	1335269.49
2	13-2-1.	<p>Supplying &amp; erecting approved make Lift Announcing solid state system in the Passenger/ Stretcher lifts having AC2/ACVV/ACVF drives &amp; automatic doors only. The system comprising following features &amp; facilities.</p> <p>(i) Announcing floor message, message to close period.(ii) Announcing 'Emergency Message' when lift is stuck between floors due to power failure or any other reason.</p> <p>(iii) Instrumental Music between floor announcing.(iv) Announcement in English / Hindi &amp; Gujarati Languages..</p> <p>(v) Flexible to accommodate special per-programmed message such as name of the building /office.(vi)Volume adjustment control</p>	1.00	Each	17119.50	17119.50
3	13-2-2.	<p>Providing &amp; erecting approved make overload non-start feature &amp; overload warning Indicator system in the lift with making use of sound isolated floating platform &amp; micro switches on SI frame to get sensation of live load inside lift cage at any given moment, with provides new fixtures of overload warning inside lift cage with new relay in the existing control panel to activate 'Overload Non-Start Function with carrying out additional wiring including laying of new travelling cable, include minor civil work &amp; without changing the existing capacity speed stops, travel &amp; operation of the desired lift</p>	1.00	Each	32527.05	32527.05
					Total Amount	1384916.04
					Say, Rs.	1385000.00

**KHAMBHAT MUNICIPALITY KHAMBHAT  
PROVIDING GENERAL TYPE RAIN WATER HARVESTING SYSTEM IN MUNICIPALITY  
BUILDING ,AT KHAMBHAT.**

**SCHEDULE-B 10**

**GENERAL SUMMARY**

<b>No.</b>	<b>Description</b>	<b>Amount</b>
SCH-B 10.1	General Type Rain Water Harvesting System	Rs. 318500.00
SCH-B 10.2	Drilling of Deep Tube Well	Rs. 238800.00
SCH-B 10.3	Pumping Machinery for borewell	Rs. 104100.00
<b>Total Rs.</b>		<b>661400.00</b>

**KHAMBHAT MUNICIPALITY KHAMBHAT****PROVIDING GENERAL TYPE RAIN WATER HARVESTING SYSTEM IN MUNICIPALITY BUILDING ,AT  
KHAMBHAT.****SCHEDULE-B 10**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	6.50 Cmt.	Excavation for pipe line trenches for water supply, sewerage line, manhole, etc. all with shoring and strutting if required as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and strata as specified in (A) Soft Soils and Soft Murrum 0 to 1.5m	102.35	Cmt.	665.28
2	1.00 Cmt.	Providing and casting in situ mass cement concrete in grade M - 10 (approx. corresp. To prop. 1:3:6) using granite quartzite trap metal of size 12mm to 25mm incl. consolidation curing with form work etc. complete.	5441.80	Cmt.	5441.80
3	6.50 Cmt.	Providing and Laying brick work using common burnt clay building bricks (Conventional)having crushing strength not less than 35 Kg./Sq.Cm in foundation and plinth in Cement Mortar. (1:6) (1 Cement : 6 fine sand)- (A)Conventional.	4214.33	Cmt.	27393.15
4	30.00 Rmt.	Providing & supplying ISI standard NP3 class R.C.C. Pipes (of sulphate resisting Cement) in standard lengths of following class and diameter suitable for either collar joints or rubbing ring joints including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyence to departmental stores, stacking etc. complete including lowering, laying & jointing of RCC pipes in C:M 1:1.5 in position, grade alignment as directed by engineer in charge including conveyence from stores to site of work, labour, giving hydraulic testing as per ISI code - 250mm dia NP3	630.24	Rmt.	18907.20

5	30.00	Providing, Supplying, Lowering and Laying in standard Rmt. length ISI mark rigid unplasticised PVC pipes suitable for potable water with ring fit joint including cost of rings, as per IS Specification no. 4985/1988 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores and including cost of jointing material etc. complete.75 MM	110.41	Rmt.	3312.30
6	1.00	Testing of Recharge Pit by emptying a tanker of 8000 L Nos. and measuring the time as per the specifications and reporting of the same	707.00	Nos.	707.00
7	5.00	Filling in foundation and plinth with murrum or selected Cmt. soil in layers of 20cm. Thickness including watering, ramming and consolidating etc. complete (Upto 10 ton)	294.38	Cmt.	1471.90
8	3.00	Providing and fixing pre-cast Rubber Dye inter locking Smt. concrete block 60mm thick with grade of concrete M300 pneumatic compressed / Vibrated mechanically as per approved design confirming to IS 15658 : 2006 including 35mm sand layer for levelling and filling the joint with sand in proper line and level etc complete as per guidelines of IRC : SP 63 - 2018.	706.93	Smt	2120.79

- |    |      |   |      |  |           |      |           |
|----|------|---|------|--|-----------|------|-----------|
| 9  | 1.00 | For Genreal Area :- Horizontal Filtration Module is   | Nos. | <p>Precast Modular Step well of M25 grade, designed to capture sediments primarily from surface runoff water. This Octagonal shape structure has a circumscribing diameter of approximately 918mm and a height of 1614mm. A part of the top module of is usually kept above the ground however same can be flushed with ground.100 / 150 mm are the available height options in case part of it has to be kept above the ground level. Top module accommodates indigenously designed 2-nos Array Filters to capture sediment effectively within the Horizontal Filtration Module. This easily removable array filters can be cleaned within or outside the module using pressurized water. Total filtration area of thisfilter is approximately 3000 cm2. Filtration capacity is 8m3 to 10m3 per hour. These module is installed prior to the Sand Filtration Module.The inlet and outlet of is 110mm diameter UPVC pipes connected with Sand Filtration Module.</p>             | 104030.00 | Nos. | 104030.00 |
|    |      |   |      |  |           |      |           |
| 10 | 1.00 | For Genreal Area :- Sand Filtration Module M-25 grade | Nos. | <p>cement concrete system for rainwater harvesting with SS 304 screen and natural filters. It consists of single module with internal volume of approximately 0.8 cubic metres that is to be fixed below ground level. The module is of an octagonal shape with a diameter of approximately 1000 mm below ground level. Total height of the system is 1614 mm. Filtration capacity &amp; testing upto 8m3 to 10m3 per hour from modular systems only.The inlet and outlet of the system is 90mm diameter UPVC pipes. Module holds a filter media in the form of sand bed around a continuous slot fine aperture stainless screen (420 mm diameter and 240 or 300 mm length). Screen is fixed to the bottom slab and is fully covered by 0.10 cubic meter filtration sand with 40mm graded gravels. Screen creates entry points for the filtered water. This module is used for Surface water and the filtered water to get into is finally connected with the Recharge well.</p> | 104030.00 | Nos. | 104030.00 |

11	1 Job	Submission and approval of survey, Hydrogeological investigations at number of locations in Dahod City, working Drawings including all layout sections, typical details, shop drawings, As-built drawings and submission of working drawings and implementation schedule as per priority given by Engineer-In-Charge for approval, etc. complete. Including 1) Detailed VLF profiling Survey work in a grid pattern2) Detailed Geophysical Resistivity Test &sub-surface micro-level VES Investigation work SelectedVLF anomalous point for pinpointing the most feasible location for Recharge& Roof Top Rain waterrecharge to be constructed in premises .3) G.P.S marking of each location by G.P.S. instrument4) Preparation & Submission of its completely detailed draft report showing recharge potential in theprescribed area along with their interpretations specification & designs with feasiblelocation,Physiography,drainage,Geological,Hydrol ogical,Climate month wise details ,rainfalldata of last 20 years with drilling location,lithological cross section & submit its final reportMETHODS OF INVESTIGATION :- (1) Geophysical Investigation Method using Schlumberger configuration by Resistivity meter Model No SSR-MPL-1 Micro-processor(2) VLF instrument(3) Remote Sensing Method.(4) Geo-Electrical Resistivity Method by newly developed latest IXID software for more accuracy.(5) Geohydrological Micro-level Investigation.	18493.10	Job.	18493.10
12	1.00 Job.	Jobwork for cleaning of modules for every Premonsoon for once in years with inbuilt intergral ladder at 1125mm with safety by water cleaning system ,labours , hand bucket , lari & other tools i.e. Trikam , Pavda , Rassa , Battery , G.T. Salia etc.with disposing silt as shown places. Nothing extra to be paid for any insurance or depreciation of tools etc.	16160.00	Job.	16160.00
13	12.90 Smt.	Providing, fixing and fabricating of G.I. Chain Link Jali 10 Gauge Fencing with necessary fittings and having angle support of 50x50x6 mm thick and c/c. distance 6.00 between two column with loading, unloading, lead and lift. Including all labour and fitting work.	1219.07	Smt.	15726.003
			<b>Total Rs.</b>		<b>318458.51</b>
			<b>Say, As.</b>		<b>318500.00</b>



**KHAMBHAT MUNICIPALITY KHAMBHAT****Drilling of 250 mm dia X 60 meters deep bore by DR rig.****SCHEDULE-B 10.1**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Total Rate</b>	<b>Per</b>	<b>Amount</b>
1	60.00	Drilling pilot bore hole of size 250 / 300 mm at above village site in all strata by mud flush direct rotary rig	865.57	Mtr	51934.20
2	60.00	Reaming of 250 / 300 mm dia pilot bore hole to size 550 mm dia. including assembling, jointing, lowering of housing casing screen pipes & other assembly items with gravel packing and clay balls packing etc	535.30	Mtr	32118.00
3	1.00	Development of bore by air compressor of 600 cfm / 150 LS psi capacity for minimum 06 hours or up to the availability of sand free discharge	22427.05	LS	22427.05
4.A	42.00	Supply of 200 mm dia PVC casing pipe 'CM' type	1458.44	Mtr	61254.48
		Mtr			
4.B	18.00	Supply of 200 mm dia. UPVC casing pipe 'CM' type with slotting.	1458.44	Mtr	26251.92
		(II) Size: 1.0 mm Regular			
5	1.00	Bore clamps made from MS plate with 03 holes on either side with nuts & bolts of standard make & size 900 mm x 100 mm x 16 mm suitable to 250 mm dia. Pipe	2037.91	Pair	2037.91
		Pair			
6	1.00	Supply of Bore plug having 100 mm height made from M.S. Plate with 3 hole sate qual distance on circumference for nut-bolts type, locking arrangement with nut-bolts & lock nuts of std. Make complete from 5 thick M.S. Plate (For Tap also) suitable for 200 mm dia pipe	782.57	No.	782.57
		No.			
7	1.00	Supply of Bail plug UPVC of standard make suitable for 200 mm dia pipe.	830.27	No.	830.27
		No			

8	6.50	Supply of gravels of selected size 4 mm to 6 mm Cmt.	2049.29	Cmt.	13320.39
9	1.00	Electrologging of pilot bore Job	12120.00	Job	12120.00
10	1.00	Geohydrological ground water investigation charges No	14428.86	No	14428.86
11	2.00	Water sample chemical analysis charges. No	606.00	No	1212.00
					<b>Total, Rs. 238717.64</b>
					<b>Say, As. 238800.00</b>

**KHAMBHAT MUNICIPALITY KHAMBHAT**

Pumping Machinery For Borewell

**SCHEDULE-B 10.2**

DESCRIPTION	QTY.	UNIT	Total Rate	AMOUNT
<b><u>Item No. 1</u></b> Providing submersible pump setc onfirming to IS 9283 working at 3 phase , 400 / 440 volt , 50 cs / sec AC supply & 2900 RPM , category 8.0 with discharge : 800 LPM @ 72.0 Mtr head with 25.0 HP including GST	1.00	Set	40280.82	40280.82
<b><u>Item No. 2</u></b> Providing21-30 HP ATS starter suitable for local & remote pump control application consisting of MPCB , over load relay and contactors as per type II coordinatio nincluding digital voltmeter , analogue ammeter with selector switch , run hour meter , required protectiv erelays & control acessories including GST.	1.00	No	24518.76	24518.76
<b><u>Item No. 3</u></b> Providing flat PVC copper submersible cable confirmaing to IS 694 , IEC 60227 / 60228 of size 1 x 3 x 10.0 mm <sup>2</sup>	50.00	Mtr	195.94	9797.00
<b><u>Item No. 4</u></b> Providing heavy duty UPVC Column pipe as per IS - 1239 with couplings , threaded at both ends of size 80 mm dia.	39.00	Mtr	403.66	15742.61
<b><u>Item No. 5</u></b> Lowering of submersible pump set complete with required no sandsize of column pipe erected by means of proper chain pulley block and pipe wrenches after checking of threads of each pipe and coupling to take the load of the pump set and pipe assembly filled with water up to 90 mtrs.	1.00	Job	707.00	707.00
<b><u>Item No. 6</u></b> Providing & fitting pipe type earthing having 150 cm long and 25 mm dia G I pipe with coupling & buch burried in specially prepared earth pit complete with necessary 8 SWG G I earth wire inclduing using charcoal / coke and salt in required quantity.	1.00	Job	994.85	994.85
<b><u>Item No. 7</u></b> Supply & installation of ISI mark C I double flanged hand wheel / cap operated sluice valve (PD type short body ) confirming to IS 14846 of PN 1.0 of 80 mm dia. Size & for supply,	1.00	Job	3509.80	3509.80
<b><u>Item No. 8</u></b> Supply & installation of non slam design CI dobule flanged single door wing type non return / reflux valve confirming to IS 5312 of PN 1.0 of 80 mm size as per specifications Supply as per	1.00	Job	4536.75	4536.75

**Item No. 9**

Providing & fitting M.S. clamps fabricated from M.S. plate with 03 holes on either side with nuts & bolts of standard make and suitable size of 450 mm x 65 mm x 10 mm flat suitable to 80 mm dia M S / Gipipe

2.00	Pair	654.47	1308.93
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**Item No. 10**

Approved make ELCB / RCCB conforming to IS 12640 and having sensitivity of 30 mA and short circuit with stand capacity of 6 KA and suitable for operation on three phase and neutral 415 V having characteristic of quick action and tripping with all advance features and do not incorporate any electronic component for following maximum rating

1.00	No.	2637.11	2637.11
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**40 Amps FP Cat I**

<b>Total, Rs.</b>	<b>104033.63</b>
<b>Say, As.</b>	<b>104100.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT****CONSTRUCTION OF PROPOSED FLAG POLE , AT KHAMBHAT.****SCHEDULE-B11**

<b>Item No.</b>	<b>Qty</b>	<b>Description</b>	<b>Total Rate</b>	<b>Unit</b>	<b>Amount</b>
1	4.88 Cmt.	Excavation for base footings upto depth 1.5 m. including sorting out and disposing of the excavated material upto 50 m lead (loose or soft soil)	122.94	Cmt.	599.95
2	2.38 Cmt.	Filling available excavated earth (excluding Rock) in trenches. Plinth, sides of foundations etc. in layers not exceeding 20cm. In depth consolidating each disposed layer by ramming and watering.	136.92	Cmt.	325.87
3	0.71 Cmt.	Providing and laying cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 Crushed stone aggregates 20 mm nominal size) and curing complete excluding cost of form work in (A) Foundation and plinth.	3095.25	Cmt.	2197.63
4	1.25 Cmt.	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	4496.05	Cmt.	5620.06
5	1.32 Cmt.	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete	4465.21	Cmt.	5894.08
6	169.50 Kg.	T.M.T. Bars Providing ISI Mark TMT Bar Fe-500 Reinforcement for R.C.C work including bending, binding and placing in position etc. complete for all Floors.	77.29	Kg.	13100.66

7	6.00	Providing 15mm thick cement plaster in single coat on Smt. Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry.	232.68	Smt.	1396.08
8	6.50	Providing and laying polished Granite tiles 18 mm thick in risers of steps, skirting Dedo and pillars laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 course sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing, polishing, Moulding etc. complete. For Flooring, Doors & Windows Edges.	1633.17	Smt.	10615.61
9	1.00 Nos	providing and fixing flag hosting pole made out of minimum dia of 4" hollow pipe with minimum height of 7.60 meter above garound level and anchor in ground at appropriate deptha of minimum and labour and traansport charges ets complete as directed by engineer in charged	10201.00	Nos	10201.00
10	1.00 Ea	India National Flag 20' X 30' Giant Indian National Flag of size 20' X 30' in 100 % Knitted Polyester, With reinforced super-strong nylon webbing on all 3 sides & eyelets.	55550.00	Ea	55550.00
					<b>Total, Rs. 105500.94</b>
					<b>Say, Rs. 105510.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**ESTIMATE FOR PROPOSED GARDENING, HOLTICULTURAL & PLANTATION WORK AT KHAMBHAT**

**SCHEDULE-B-12**

<b>Sr No</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Total Amount</b>
1	Development of lawn including excavation of area up to 150 to 200 mm depth as per requirement and disposal of same outside premises, removing of weeds, cleaning, spreading garden soil, organic fertilizer and mixing same, applying anti termite insecticides, supplying and laying of carpet lawn, watering. And maintain up to two month.(supplying of required quantity of carpet lawn shall be in the scope of contractor).(With Two Years of Maintenance including Replacement of Damage Plant, lawn Etc With Required insecticides, pesticides, Fertilizer etc Complete as Directed By EIC.)	278.00	Smt	450.00	125100.00
2	Development of shrubs and flower bed at the location directed by officer in charge including required pit size up to 2*2*2 feet as per required disposal of same out sidepremises ,removing of weed cleaning , filling garden soil ,organic fertilizer mixing the same applying anti termite treatment and planting plants as required ,watering and maintaining the flower beds for period of two months.(supply required quantity of plants and shrubs shall be in scope of contractor).variety of shrubs as per index. (With Two Years of Maintenance including Replacement of Damage Plant, lawn Etc With Required insecticides, pesticides, Fertilizer etc Complete as Directed By EIC.)	69.50	Smt	300.00	20850.00
3	Plantation of various hedge plants, saplings including excavation trench of 9 inch depth an width, filling with garden soil and organic fertilizer, applying anti termite insecticides as required, plantation of different variety hedge plants at distance of 8 inch to 2 feet between plants (supply of required hedge plants and sapling shall be in the scope of contractor). (With Two Years of Maintanance including Replacement of Damage Plant,laWN Etc With Required insectisides, pestisides, Fertilizer etc Complete as Directed By EIC.)	120.00	Rmt	250.00	30000.00
4	Supply and plantation of palm and exotic plants and focus variety for including 2*2*2 pit filling with garden soil, mix with organic fertilizer and termite pesticides ,watering and maintain up to two months.(supply of require quantity of palm, exotic plants and focus variety in the scope of contractor).plants list as per Index (With Two Years of Maintenance including Replacement of Damage Plant, lawn Etc With Required insecticides, pesticides, Fertilizer etc Complete as Directed By EIC.)	15.00	Nos	2000.00	30000.00
5	Supply and plantation of trees at various garden and places including 2*2*2 pit filling with garden soil, mix with organic fertilizer and termite pesticides, watering and maintain up to two months (supply of require quantity of trees in the scope of contractor). Trees lists as per index(Bamboo) (With Two Years of Maintenance including Replacement of Damage Plant, lawn Etc With Required insecticides, pesticides, Fertilizer etc Complete as Directed By EIC.).	15.00	Nos	1500.00	22500.00
<b>Total Rs.</b>					<b>228450.00</b>

Say Rs. 228500.00



BALASINOR MUNICIPALITY BALASINOR					
Electrification Work					
SCHEDULE-B13					
Sr No.	Description	Qty	Unit	Total Rate	Amount
1	Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III	222.00	Pt.	485.81	107849.82
2	Point wiring for Tissino / Modular secondary light point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. Note:- Maximum up to 6 mtrs length, excess will be considered as Mains for Secondary Point. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete	178.00	Pt.	167.66	29843.48
3	Point wiring for FAN with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch and hum free EME step type electronic fan regulator mounted and accessories with earth continuity of following type erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete	57.00	Pt.	638.32	36384.24
4	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.				

Sr No.	Description	Qty	Unit	Total Rate	Amount
	[I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete	86.00	Pt.	510.05	43864.30
4.1	[II] For 16A Plug and 16 amp switch with 2-2.5 sq.mm Cu. Wire from mcb db board. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III	29.00	Pt.	745.38	21616.02
5	Point wiring for on board Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling with following type accessories Cat. III	6.00	Pt.	257.55	1545.30
6	Point wiring for Two Way Controlled Light Point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of .ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires erected in below type of pipe with 6A Modular type switches and following type of accessories erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary batten/angle holder or ceiling rose or H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete CAT. III	10.00	Pt.	603.98	6039.80
7	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.				
	(1)One No. SP 6 Amp. Cat.III	38.00	Ea.	151.50	5757.00
7.1	(2) One No 5 pin plug Cat.III	76.00	Ea.	151.50	11514.00
7.2	(3) Two Pin/RJ-11 [A] For One Gang Telephone Socket Cat.III	26.00	Ea.	160.59	4175.34
7.3	(4) TV Co-axial Socket outlet Cat.III	4.00	Ea.	160.59	642.36
7.4	(8) Computer RJ-45 socket Cat.III	38.00	Ea.	160.59	6102.42
7.5	(7) Blank Plate Single Cat.III	5.00	Ea.	25.25	126.25
7.6	(9) 16 Amp. SP one way switch Cat.III	5.00	Ea.	180.79	903.95
7.7	(10) 6/16Amp. Universal socket Cat.III	5.00	Ea.	199.98	999.90
8	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (h) 25 mm	2750.00	Mtr.	33.33	91657.50

Sr No.	Description	Qty	Unit	Total Rate	Amount
9	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) With medium class Rigid PVC pipe and accessories				
	(a) 2 wire 1.5 sq. mm	1750.00	Mtr.	62.62	109585.00
9.1	(b) 2 wire 2.5 sq. mm	2160.00	Mtr.	82.82	178891.20
10	Supplying & erecting M.S. Box having 16 Gauge painted with red oxide or Heavy duty PVC box erected flushed on wall or concealed in wall with necessary plastering & finishing as directed of following size. (b) 175 mm x 100 mm x 75 mm(d)	4.00	No.	76.76	307.04
11	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door				
	(iv)12 way	2.00	Ea	3874.36	7748.72
11.1	(iii)8 way	9.00	Ea	3412.79	30715.11
12	Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed/open box with single mounting base frame covered with textured/metallic /white front plate,modules erected with necessary connections as directed 1 no. 6A/16A universal plug-switch combined. 3 nos. 6A Switch 3 nos. 6A 5 pin Plug For Modular Type Accessories	38.00	Ea	1133.22	43062.36
13	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [C] CAT - 6	560.00	Mtr.	47.47	26583.20
14	Supplying & erecting Approved make call bell indicator with buzzing sound and Red light indicating lamp with Red light button to attend the call suitable for 240 v 50 c/s supply to be erected.	10.00	No.	148.47	1484.70
15	Supplying & erecting approved make Telephone Cable electrolytic copper conductor PE insulation twisted in two pairs, & wrapped with FRLS PVC tape & sheathed with FRLS PVC or HFFR outer Jacket suitable for telephone wiring & confirming to C-DOT erected in existing pipe. of following size of conductors & nos.of pairs. With necessary connections. [A] Conductor Size 0.5 mm (2) Two Pairs	450.00	Mtr.	20.20	9090.00
16	Supplying & erecting Electronic Type Cordless Call Bell erected on PVC/Metal board having portable bell push working on D.C. & bell on 230V A.C. supply with cells / battery	15.00	Ea	250.48	3757.20

Sr No.	Description	Qty	Unit	Total Rate	Amount
17	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. <u>confirming to IS 8828/1996 with ISI Mark</u>	162.00	Ea	112.11	18161.82
18	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity				
	(a) 6 to 32 Amp. Cat.III	13.00	Ea	595.90	7746.70
18.1	(b)40 Amp. Cat.III	10.00	Ea	668.62	6686.20
18.2	(c)63 Amp. Cat.III	11.00	Ea	737.30	8110.30
19	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed				
	(i) 25 Amps.DP Cat. III	15.00	Ea	1969.50	29542.50
19.1	(ii) 40Amps. DP Cat. III	12.00	Ea	2235.13	26821.56
20	Supplying & fixing box for housing RCCB + MCB combination made of 18 SWG sheet steel duly powder coated with gasket, dust & vermin proof bakelite shield two earthing terminals for following type of RCCB. RCCB + MCB [b] For 4 Pole	8.00	Ea	446.42	3571.36
21	Providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on 3 phase and neutral 415V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component for following Max. rating erected as directed. [f] 63A, 4 pole Three Phase Cat. II	8.00	Ea	2834.06	22672.48
22	Supplying and erecting triple pole & neutral 440V/ 500V panel mounting Aluminium Busbars with four equal Nos. of bus having current density not more than 0.8 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each busbar,erected in existing cubical panel with necessary connections. (D) Suitable for 400 Amp. Capacity	3.00	Rn.Mtr	2204.83	6614.49
23	Providing and erecting required size Aluminium strip for earthing of H.T. , OCB / ACB / Transformer, LT panel board, Motors etc. using copper clamp.	10.00	Kg.	225.23	2252.30

Sr No.	Description	Qty	Unit	Total Rate	Amount
24	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover. (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistance mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphur content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (c) For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA) i.e independent Earthing in normal soil. Length of Pipe : 3.00 mtrs Back filling Compound :2 nos Bags of 25 Kg.	12.00	Ea.	8636.51	103638.12
25	Providing & erecting 415 V MCB three Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & conforms to IS :8828 in existing box having following capacity (b)40 Amp. Cat.III	2.00	Ea.	647.41	1294.82
26	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables				
	(C) 3 1/2 core 50 Sq. mm ( 25 Sq.1/2 mm core)	25.00	Mtr.	284.82	7120.50
26.1	(D) 3 1/2 core 70 Sq. mm ( 35 Sq. mm 1/2 core)	40.00	Mtr.	378.75	15150.00
27	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (C) 4 core 6 Sq. mm	350.00	Mtr.	510.05	178517.50
28	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (A) 4 core 10 Sq. mm	750.00	Mtr.	676.70	507525.00
29	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (B) 4 core 6 Sq. mm	150.00	Mtr.	126.25	18937.50

Sr No.	Description	Qty	Unit	Total Rate	Amount
30	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (F) 3 1/2 core 120 Sq. mm ( 70 Sq. mm 1/2 core)	35.00	Mtr.	540.35	18912.25
31	Making trench in soft soil of suitable width of 90 cm deep for laying cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	20.00	Mtr.	55.55	1111.00
32	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II )with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (A)50 mm outer dia	100.00	Mtr.	62.62	6262.00
33	Supply, Installation, Testing and Commissioning of suitable sweep, BEE 5 Star rated, Ceiling fan with Brush Less Direct Current (BLDC) permanent ferrite magnet Motor, class of insulation: B, Rust free 3 nos.Aluminium blades, 2 nos. canopies, shackle kit with earthing provision, copper winding, Power factor not < 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM,230v (tolerance as per IS : 374-2019), THD < 10%, with remote unit for Speed Control and all remaining accessories including safety pin, nut bolts, washers, temperature rise = 75 degree C (Max.), suitable for 140 to 285 Voltage and rectifier circuit with surge, over current and overload protection , 50 Hz, Single phase AC Supply, earthing etc. Complete as required.[ Make shall be approved by Engineer in Charge] (B) 1200 mm Sweep (48")	60.00	Ea	2885.57	173134.20
34	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM [A] 305 mm dia 900 RPM	12.00	Ea	2054.34	24652.08
35	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete <b>with proper insulation without leakage</b> and earthing.	60.00	Ea	108.07	6484.20
36	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.	60.00	Ea.	108.07	6484.20
37	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.	60.00	Ea	18.18	1090.80

Sr No.	Description	Qty	Unit	Total Rate	Amount
38	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM	12.00	Ea	2054.34	24652.08
39	Providing suitable M.S. louver shutter of the Exhaust fan.	12.00	Ea	368.65	4423.80
40	<p>Supply of approved make FRP Pole having following specifications: FRP Light Pole made by CNC filament winding machine using thermoset resin polyester/epoxy resin system) having minimum 62% glass content. The pole should be in one piece and tapered round in shape, having smooth finish and should be totally free from corrosion as well as non conductive &amp; shock proof Pole should be provided with FRP Anchor Base and it should be heavy duty, or MS Material duly painted with Epoxy paint.</p> <p>Pole should be flame retardant as per IS 6746. Resin used shall be UV resistance and pigmented. A highly weather resistant polyurethane coating shall be applied to the pole after applying suitable primer system that ensures proper adhesion of the paint. Minimum coating thickness shall be 80 to 100 micron. Deflection of the pole shall not exceed more than 10% of the length of pole for the given load" Pole should be generally made as per the dimensional data, performance criteria and some interchangeability features of poles as per standard ANSI C 136.20 latest version or ASTM D 4923/01 including cable termination box with necessary accessories . The size of pole and type of installation with foundation as per manufacturer details and site requirement are as below .</p> <p>(1) Suitable for base plate mounting single arm Bracket. [D] Overall length of 4 Mtr. Average Thickness: 7mm.</p> <p>Top/ Bottom OD Dia A/F 89/145 mm <math>\pm</math> 2mm approx. Approx. Weight of Pole 19 kg approx. (Without Base) Anchor Base (Size 250X250 &amp; 12mm th.)</p>	12.00	Ea	9792.96	117515.52
41	<p>Providing 1:2:4 cement concrete foundation &amp; 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner.</p> <p>( for 4 &amp; 6 mtr pole)</p>	12.00	Ea	809.01	9708.12

Sr No.	Description	Qty	Unit	Total Rate	Amount
42	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt ,LED LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown. (A) Tube Light with integral driver	127.00	Ea	373.70	47459.90
43	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V,Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 85 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring				
	(iv) 22-24 watts, Surge-2 KV Cat-III	71.00	Ea	758.51	53854.21
43.1	(ii) 11-15 watts, Surge-2 KV Cat-III	39.00	Ea	427.23	16661.97
43.2	(i) 5-9 watts,Surge-2 KV Cat-III	16.00	Ea	220.18	3522.88
43.3	(B) LED Panel Light with provision for Plane front frame with translucent cover fixed to housing complete.IP20 (vii) from 45 to 48 watts. 24" x 24". Surge-2 KV Cat-III	51.00	Ea	2091.71	106677.21



Sr No.	Description	Qty	Unit	Total Rate	Amount
44	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (C) Post Top Lantern LED fitting comprises of finish cast aluminum spigot and spun aluminum canopy fixed with opal polycarbonate, pipe arrangement for vertical mounting driver and accessories wired upto terminal block.IP 65 (ii)32-40W Cat-III	12.00	Ea	4819.72	57836.64
45	Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size. (C) The standard companies switch gear shall be used and only manufacturers as per IEC 61439 for beneficial use. (i) with 350mm depth	5.00	Sq.Mtr	16392.30	81961.50
46	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. and above at 415 V . having normal current rating 250A. with variable thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	3.00	Ea.	20946.39	62839.17

Sr No.	Description	Qty	Unit	Total Rate	Amount
47	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 50 KA and above at 415 V having Normal current rating 400A. with variable Thermal & magnetic release suitable to work on A.C.supply 50 c/s. With all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	2.00	Ea.	25228.79	50457.58
48	Providing & Erecting full SS Body (SS 304) Split type water cooler having storage capacity 160 to 175 Ltr.(Tank SS 304) & Cooling capacity 150 ltr. Per hour @ an ambient temp of 350 C.The outlet temp. of the water should drop by 150C within a hour,The water cooler should be comprising of hermetically sealed Reciprocating compressor with R134A, fan motor, Copper Condensing unit with company fabricated Outdoor Unit water tank surrounded by evaporating coil, thermostats, relay etc.complete with necessary copper tube & Insulation, M.S Chancel Stand with Painting for water tank & M.S. Powder Coated Stand for Outdoor unit with Installation. With DPCLCB and 4 Way DB Box with accessory Three core Cord for connection.	2.00	Ea	61115.10	122230.20
49	Supplying & erecting reverse osmosis (RO) water purification system with M.S. powder coated pedestal frame, prefilter housing carbon filter suitable buster DC pump, auto low & high pressure switches with following size of LPH capacity & erected as directed [E] 200 LPH with 1 phase / 3 phase Raw water pump of 1000LPH @ 2.5kg/cm2 (1No - Kirloskar/CRI/Lubi) , Dual media filter 10"x54" (1 No), Micron catridge filter 20" x 2.5" - (1No), High pressure pump 1000LPH @ 10kg/cm2 - (1No - Shinge /CRI /Lubi) , RO Membrane housing with RO membrane of 40*40 - ( 1 No),RO pressure tube 4" x 1E-(1No), 0-1200LPH Rotameter-(2 Nos) Recovery Rate 50%	2.00	Ea	15707.52	31415.04
50	Providing & erecting open well horizontal mono block pump set with cast iron body, complete for three phase submersible motor having [C] For 3 HP 3 phase open well horizontal mono block pump set suitable for 85 LPM to 270 LPM @ 11 mtr to 33 mtr head suitable for 50/65 mm dia delivery pipe Cat-II	1.00	Nos	15707.52	15707.52
50.1	[D] For 5 HP 3 phase open well horizontal mono block pump set suitable for 1350 LPM to 310 LPM @ 10 to 42 Mtr head suitable for 50/65 mm dia delivery pipe	1.00	Nos	18746.61	18746.61
51	Supplying and erecting Direct - On - Line Starter with 18 A. rating contactor and with 3.5 Amp. 18A range directly operated in totally insulated elegant enclosure for single phase operation up to 3 HP as per IS 13947 complete erected on P.W. Block with necessary connection Cat-III	2.00	Nos	2100.80	4201.60
52	Supplying & erecting approved make Automatic liquid level controller 6A. with sensor testing as per instruction of Engineer in charge on site complete with wiring connection with existing wires , with copper conductor from pump to upper and lower tank.	2.00	Nos	2355.32	4710.64

Sr No.	Description	Qty	Unit	Total Rate	Amount
53	Providing and erecting Inverter based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing, drain PVC pipes suitable for ( cost includes Eco Friendly green gas charging and 15A plug top & Remote Control & MS Stand) with necessary core cutting. <b>(2) For 4/5 Star Rating of current year, (C) for 1.7 to 2 ton capacity</b>	10.00	Nos	63765.34	637653.40
54	GEB Connection Charge As per GEB Receipts - Agency will not claim extra charges for GEB Connection. and Quoted Rate % Above & Below not Consider in this Charges	1.00	LS		50000.00
		<b>Total Amount</b>			<b>3504975.68</b>
		<b>Say Total Amount</b>			<b>3505000.00</b>

**KHAMBHAT MUNICIPALITY, KHAMBHAT**

**PROVIDING SUPPLYING AND FIXING FURNITURE ITEMS KHAMBHAT MUNICIPAL BUILDING AT  
KHAMBHAT.**

**SCHEDULE-B14**

<b>Item No.</b>	<b>Qty.</b>	<b>Description</b>	<b>Rate With Labour Cess 1 %</b>	<b>Unit</b>	<b>Amount</b>
1	26.00 Nos.	Providing and supplying and arranging table Top and side of overall thickness 38 mm made from 18 mm thick MR grade plywood with 1 mm thick decorative laminate on exposed faces and specified thick glass on top by EIC and 0.8 mm thick laminates as liner with TW border patti . legs to be made from 50mm x 50mmx 1.6 mm thick CRC Square pipe and supporting pipe 50mm x 25mm x 1.6mm with 50 micron epoxy powder coating with levelar.appron to be made from 18mm thick MR grade plywood and finish with 1mm thick laminate sheet on both side. drawer unit 450 mm X 550 mm X 600 mm (3 Nos.) & storage unit 450 mm X 550 mm X 600 mm (H) having all structure 18 mm thick MR grade plywood and finish with 1mm thick decorative laminate on exposed faces and 0.8 mm thick balancing laminate as liner of specified size drawer slides on ebco make telescopic channel with locking arrangement the item includes all materials, labour, taxes & consumable etc.Complete as per drawing and instruction of engineer-in charge . Size 0.90 mt. X 1.80mt. X 0.75 mt.(H)	14400.00	Nos.	374400.00
2	2.00 Nos.	Providing and supplying and arranging modified office table Top and side of overall thickness 38 mm made from 18 mm thick MR grade plywood with 1 mm thick decorative laminate on exposed side and 0.8 mm thick laminates as liner with TW border patti apron to be made from 18mm thick MR grade plywood and finish with 1mm thick laminate sheet on both side. legs to be made from 50mm x 50mmx 1.6 mm& other framing work of 50mm x 25mm x 1.6mm size CRC MS PIPE with 50 micron epoxy powder coating. the item includes all materials, labour, taxes & consumable etc.Complete as per drawing and instruction of engineer-in charge . Size 0.90 mt. X 2.15 mt. X 0.75 mt.(H)	180000.00	Nos.	360000.00

3	15.00 Nos.	Providing and supplying and arranging table Top and side of overall thickness 38 mm made from 18 mm thick MR grade plywood with 1 mm thick decorative laminate on exposed side and 0.8 mm thick laminates as liner with TW border patti apron to be made from 18mm thick MR grade plywood and finish with 1mm thick laminate sheet on both side. legs to be made from 50mm x 50mm x 1.6 mm & other framing work of 50mm x 25mm x 1.6mm size CRC MS PIPE with 50 micron epoxy powder coating. the item includes all materials, labour, taxes & consumable etc. Complete as per drawing and instruction of engineer-in charge . Size 0.90 mt. X 1.80mt. X 0.75 mt.(H)	14000.00	Nos.	210000.00
4	40.00 Nos.	Providing , supplying and placing fully glazed openable door unit of size Width 890 x Depth 520 x Height 1980 mm having back, sides and door to be made from 0.7 mm(+ or - 0.07mm )made up with Durable cold-rolled steel plate construction and Powder-coated to resist corrosion. and 4 mm thick float plain glass door, lever cam lock , SS handle to be provided & having 4 nos of adjustable full shelves of uniformly distributed load capacity of 40.00 kg and each shelf shall be A4 size Box File ( 85 w x 345 H X 285 D ) & clear space above 5th shelf shall be 220 mm. Whole unit shall be Epoxy polyester powder coated of 50 micron thickness. Overall Glass book Storage size 890 mm X 520 mm X 1980 mm(H).	21600.00	Nos.	864000.00
5	21.00 Nos.	Providing & Supplying Wooden Cub Board for File Storage of 1750 (L) X 450 (W) X 760 (H) mm using 19mm thick WP plywood & 25 X 12, 50 X 12mm teak wood patti, formica, magnet, stopper, handles, fixtures & fastenings, including cost of all material & Labours, with one coat primer & two coats Oil Painting inside etc., complete as per detail approved drawing & as directed by the Purchase Authority.	20000.00	Nos.	420000.00
6	5.00 Nos.	Providing and supplying tea table made from 37mm x 37 mm Indian teakwood leg and top frame made from 37mm x 75mm Indian teakwood having 18mm thick Ply and 4mm thick Veneer with melamine polish on top and 0.8m thick balancing laminate on bottom. All teakwood surface to be melamine polish Including all materials and labour etc. Complete as per drawing and instruction of engineer-in charge. overall size 900mm x 600mm x 450mm (H)	8000.00	Nos.	40000.00

7	112.00 Nos.	Providing and supplying fix chair structure CRC M.S. pipe of 20mm dia and 16 guage with 50 micron powder coating frame seat and back 40 density PU foam covered with fabric of approved shade and texture ( MiNi-250 RS. Mtr.)with one year replacement warranty.Wooden armrest as per approved design.complete chair should be in suitable shape Including all materials and labour ect.Complete as per drawing and instruction of engineer-in charge.	2800.00	Nos.	313600.00
8	72.00 Nos.	Supplying and Arranging Low Back Chair with SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam. The complete back is contoured to provide the needed lumbar support for long seating hours. The seat is made up of moulded foam, upholstered with fabric. Foam density 45 +/- 5 kg/m3 and Hardness = 14+/-2 on Hampden machine at 25% compression. ARMRESTS: The Arm rest is injection moulded in Polypropylene fitted to the seat base SYNCHRO MECHANISM: The mechanism installed for this chair is a Synchro-1 mechanism. This mechanism provides you with the utmost comfort while leaning backwards. There is a displacement in the ratio of 1:3 between seat and back respectively The Synchro mechanism is designed with 360 Degree revolving feature, Tilt tension adjustment and Upright locking. PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 12 cm. TELESCOPIC BELLOW ASSEMBLY: The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. PEDESTAL ASSEMBLY: The pedestal is made of nylon with glass reinforcement and fitted with 5 nos. twin wheel castors.(castor wheel día. 5.0cm.) TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in 30% Glass Filled black Nylon. Back size 44cm W X 47cm H Seat Size 52 cm W X 48 cm D Effective back ht 47 cm. as per drawing / Photograph at site of work as required & directed etc. complete.	8400.00	Nos.	604800.00
9	2.00 Nos.	Supplying and Arranging Medium Back Chair with SEAT/BACK ASSEMBLY: The seat and back are made up of 12 mm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam. The complete back is contoured to provide the needed lumbar support for long seating hours. The seat is made up of moulded foam, upholstered with fabric. Foam density 45 +/- 5 kg/m3 and Hardness = 14+/-2 on Hampden machine at 25% compression. ARMRESTS: The Arm rest is injection moulded in			

Polypropylene fitted to the seat base. SYNCHRO MECHANISM: The mechanism installed for this chair is a Synchro-1 mechanism. This mechanism provides you with the utmost comfort while leaning backwards. There is a displacement in the ratio of 1:3 between seat and back respectively The Synchro mechanism is designed with 360 Degree revolving feature, Tilt tension adjustment and Upright locking.

PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 12 cm. TELESCOPIC BELLOW

ASSEMBLY: The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. PEDESTAL ASSEMBLY: The pedestal is made of nylon with glass reinforcement and fitted with 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.)

TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in 30% Glass Filled black Nylon. Back size 49cm W X 63cmH Seat Size 48 cm W X 47 cm D

Effective back ht 50cm. as per drawing / Photograph at site of work as required & directed etc. complete

15200.00 Nos. 30400.00

- 10 14.00 Nos. Providing and supplying three seater wooden sofa made of Indian teak wood with melamine polish.seat made from 4 inch thick 40 desity foam with 1" supersoft HD covered for softness.seat to be capt on Heavy density naylon elastic belt.inside Framing 2"x 1.6"support.Outer frame 3" x 1.6". Back 3" thick 40 density foam with 12mm supersoft HD coverd for softness seat and back covered with high quality fabric (Basic Rate : 400 RS/Rmt.)as approved shade.Including all materials and labour ect.Complete as per drawing and instruction of engineer-in charge. overall size : 1900 mm X 750 mm X750 mm

22400.00 Nos. 313600.00

- 11 35.00 Nos. Providing and erecting Inverter based approved make split air-conditioning unit consisting of condensing unit with variable speed fan motor, inverter type hermetically sealed rotary compressor with accessories etc. duly connected separately erected evaporating unit and blower motor with its accessories by means of extra supplied proper insulated copper tubing,drain PVC pipes suitable for ( cost includes Eco Friendly green gas charging and 15A plug top & Remote Control & MS Stand) with necessary core cutting.

(2)For 4/5 Star Rating of current year

(B) for 1.5 ton capacity- Premium Cat.

58731.50 Nos. 2055602.50

12	2.00 Nos.	FULL HEIGHT OPEN STORAGE UNIT FOR RECORD/STATIONARY ROOM) Providing storage unit of size 2.5 mt x0.30 mt x2.10 mt(LxDxH) of ¾" thick BWP Plywood with 1.0mm thick horizontal laminate expose sides and 1.0mm thick vertical laminate. the shelves shall be provided @ 15"c/c or equal in height with enamel painting in recessed surfaces. The storage unit will have all necessary hardware, laminate band and 0.45 mt X0.45 mt teakwood/partal wood beading / moulding. Recessed skirting (3/4") finished with 1.0mm thick laminate is present etc. complete	44000.00	Nos.	88000.00
13	291.50 Smt.	Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet to be interlocked at middle of the 1200X600mm panel to form grid of size 600X600mm resting on periphery walls/partitions on a perimeter wall angle pre coated steel of size (24X24X3000mm made of 0.40mm thick (minimum) sheet with the help of rawl plugs at 450mm centre to centre with 25mm long dry wall screws @ 230mm interval and laying 15mm thick Densified edges light weight calcium silicate ceiling tiles of approved texture (Fine Fissured/Cosmos/Spintone) in the grid including, cutting /making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc	1648.96	Smt.	480670.76



14	19.00 Nos.	Providing and fixing sign board made of acrylic sheet and fixing on door wall in first or second alphabet as instructed in radium material .Including all materials and labour etc.complete as per detail drawing and instruction of engineer-in charge.	760.00	Nos.	14440.00
15	20.00 Nos.	Providing and placing S.S Nickle crome plated Dustbin having 254 mm dia & 356 mm height with perforated S.S sheet including all necessary fixture, fastners, fittings , labour material machinary etc complete as selected and directed by Engineer Incharge. Approved Make	800.00	Nos.	16000.00
16	30.00 Nos.	Providing fixing And arranging Multiflex rack/Library rack of size 1830(H) x 1300 (W) x 448(D) mm made high strength CR/HR steel confirming to IS 5986:2002/ IS 2062 :2006 by using steel confirming to is 5986- with minimum yield strength of 255 MPa vertical angels of size 35x35x1.6mm with holes Slotted of flanges of pitch 19.05 mm provided for adjusting loading levels which are made up of 5 bend pannels of 1300 x 448 x 1.25 mm size with bend border mounted on and C bends at all end with all Endge finished with Trigular support plate 75X75X1.25 mm and all nuts and bolts etc finish and all the components having powder coating with thoroughly anti rust treatment including all necessary fixture, fastners, fittings, labour material machinary etc complete as per photograph as selecte and directed by Engineer Incharge Overall size : 1830(H) x 1300 (W) x 448(D)	3600.00	Nos.	108000.00
17	1 Job	<b>PROJECTOR SYSTEM FOR CONFERENC ROOM</b> Providing supplying and installing 5000 lumens projector with full HD lase with 150" Diahonal 16:9 Screen (Viesonic LS 740HD) along with audio system for conference including 1 Amplifier, 1 Chairman Unit and 8 Delegate Units inclusive of all cable connections, installation and training. 1 65" TV to project also included.	695000	Job	695000.00
					<b>Total, Rs. 6988513.26</b>
					<b>Say, Rs. 6988600.00</b>

**KHAMBHAT NAGARPALIKA KHAMBHAT**

**ESTIMATE FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING OF 65 KW GRID CONNECTED ROOFTOP SOLAR PROJECT  
WITH 05 YEAR O & M AT NEW MUNICIPALITY BUILDING AT KHAMBHAT DIST. ANAND**

**SCHEDULE-B15**

Item No. & Description	Qty.	Rate	1% L.C.	Total Rate	Per	Amount
<b>Item No. 1</b>						
<p>Supply, Installation, Testing &amp; Commissioning of following size of Grid Tied Solar Power Plant with Solar Panels (ALMM approved): Frame Material : Anodized Aluminum alloy Frame With Twin Wall Profile, Front Cover : High Transmission Low-Iron Tempered Glass (AR Coated), High efficiency and positive power tolerance Pmax: 0/+5, Module Efficiency should be approx. 19.5%-22%, Normal operating temperature 45°C, Junction Box with Waterproof IP67 &amp; MC4 Compatible and Enclosed with Bypass diodes, 100% Electroluminescence test to ensure error free Modules, Thep. temp. co-efficient of the PV module shall equal or better than -0.45%/degree C. Solar PV modules of minimum fill factor 75% to be used. Unit Production:- More than 4.5 Unit /kw /day (Actual)(1Year Avg) With 10 year Product warranty and 25 year Linear Power Warranty includes all mechanical and electrical parameters of the Solar panel. Modules must be complied to the DCR(Domestic content requirements). The Ration of AC to DC is 5:6 for the Installation capacity which are given in AC KW.</p> <p>Solar Inverter: MPPT Range: 80-1000 V , Max efficiency: 97.5% - 98.9%, O/p Frequency: 50/60Hz, Operating Altitude (m) ≤4000, O/p Power Factor: ~1, O/P THDi: &lt;3%, Operating Temperature Range: -25~60°C, Integrated protection of Inverter are Anti-islanding Protection, Input Reverse Polarity Protection, Insulation Resistor Detection, Ground fault protection, Residual Current Monitoring Unit, Output Over Current Protection, Output Short Circuit Protection, Output Over Voltage Protection, PV array string fault Protection. Protection Degree: IP65, User Interface LCD &amp; APP, Datalogger &amp; Communication: GPRS / Wi-Fi.</p> <p>Integrated, Input Reverse Polarity Protection Integrated, Insulation Resistor Detection Integrated, Residual Current Monitoring Unit Integrated, Output Over Current Protection Integrated, Output Short Circuit Protection Integrated, Output Over Voltage Protection Integrated, Protection Degree: IP65, User Interface LCD &amp; APP,Datalogger &amp; Communication: GPRS / Wi-Fi, Module Mounting Structure: The mounting (Rectangular pipe / square pipe / circular pipe) with requisite cross bars, nuts and bolts, etc. shall be Hot deep galvanized with minimum 80micron coating. The Rectangular / square /circular hollow pipe section used for the structure should have a minimum thickness of 2.0 mm. other than above, the material thickness should be minimum 2.5 mm. A certificate of a structural engineer certifying the strength and stability of the mounting structure to withstand the weight and wind speed of 150 km/hour throughout the life span of 25 years of the system, shall be submitted by the vendors. Hot Dipped Galvanized steel coils. suitable arrangement for base plate for foundation , solar panel mounting, the structure should be suitable for carry the load of solar panel,wiring, sprinkler system etc. with necessary foundation work/wall mount, j bolt, anchor fastner etc. the nut bolt used for installtion of stucture should be (SS 304) quality.The ground clearance of the bottom most edge of solar panel shall not be less than 300 mm to 1200 mm or as per site's technical/feasibility requirement.</p> <p>a. Column –The minimum section (thickness) should be 60MM*40MM b. Rafter - The minimum section (thickness) should be 60MM*40MM c. Purlin - The minimum section (thickness) should be 40MM * 40MM Balane of System with necessary Swichgears (Suitabel size and protection of ACDB &amp; DCDB), inter connecting wiring, earthing system as per the CEIG drawing approval, lightning arrester system as per the CEIG drawing approval, all liasoning work with various gov. dipartment like state nodal agency,DISCOM &amp; CEIG is included in agency scope</p> <p>(Excluding All charges namely GEDA Application fees, Solar connectivity Charges, Meter connectivity Charges, Meter testing Charges and (E) Grid Tied Solar Power System: 51 - 100 kW (3 - phase)</p>						
	65.00	39408.00	394.08	39802.08	Watt	2587135.20
<b>Item No. 2</b>						
<p>The all inclusive comprehensive annual maintanance contract cost covers yearly maintanance of solar Pv Modules, Inverter, wiring,earthing,switchgears, etc with material and labour cost including preventive maintanance.The cost covers entire installation. AMC also includes monthly site visit and inspection of project with submission of inspection and solar generation report. All parts should be replaced/repaired if found faulty within specified time. Agency has to provide necessary licening work for warranty,power,Bidirectional meter etc.</p>						

Item No. & Description	Qty.	Rate	1% L.C.	Total Rate	Per	Amount
(D) 51KW-100KW System						
1St year	65.00	3814.00	38.14	3852.14	Watt	250389.10
2nd Year	65.00	3814.00	38.14	3852.14	Watt	250389.10
3Rd Year	65.00	3814.00	38.14	3852.14	Watt	250389.10
4Th Year	65.00	3814.00	38.14	3852.14	Watt	250389.10
5Th Year	65.00	3814.00	38.14	3852.14	Watt	250389.10
<b>Total Amount Rs. ....</b>						<b>3839080.70</b>
Meter connectivity Charges Rs.....						50000.00
Add GEDA Application fees Rs.....						15340.00
Meter testing Charges and system stability/strenthning charges. Rs.....						45000.00
<b>Amount Rs. ....</b>						<b>3949420.70</b>
Add 18% GST Charge Rs.....						710895.73
<b>Net Amount Rs. ....</b>						<b>4660316.43</b>
<b>Say Rs. ....</b>						<b>4660400.00</b>

<b>KHAMBHAT MUNICIPALITY, KHAMBHAT</b>					
<b>NAME OF WORK : FIRE FIGHTING SYSTEM WORKS FOR KHAMBHAT MUNICIPALITY BUILDING, KHAMBHAT</b>					
<b>SCHEDULE-B-16</b>					
<b>SR.NO</b>	<b>Qty.</b>	<b>DESCRIPTION</b>	<b>Total Rate</b>	<b>Unit</b>	<b>TOTAL</b>
<b>Electric Driven Main Pump</b>					
1	1.00	supplying, Installation, Testing & Commissioning of electric driven fire pumps suitable for automatic operation consisting Fire Fighting Pump set with Motor KIRLOSKAR MAKE MAIN ELECTRIC PUMPSET HML MOTOR: 22KW/30HP-2P/3PH, 900 LPM@60 mtr. Make Kirloskar	1,47,000	nos.	1,47,000
2	1.00	Supplying, Installation, Testing & Commissioning of electric Jockey pumps suitable for automatic operation consisting Fire Fighting Pump set with Motor KDS 844++ 7.5 (5.5) MOC: CI- Impeller. 7.5 hp. Make :- Kirloskar	58,000	nos.	58,000
3	1.00	Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Diesel Driven Pump) Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12/24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. M.S fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads. (2.2) 2850 lpm at 70 m Head	6,20,698	nos.	6,20,698
4	1.00	Panel for fire Pumps Panel for fire Pumps Control Panel For Fire Hydrant Pump Electric Panel For Auto System Jockey Pump and Main Pump Common Auto Control Panel suitable for Auto operation of above 2 electrical pumps having ASD starter for main pump. DOL starter for Jockey Pumps having incoming MCCB, Bus bar, Indicating Lamps Push Buttons etc. With low level indicator Make J&T	1,37,500	Set.	1,37,500
5	1.00	Pressure Gauges Burdon type pressure gauges With gauges cock male wares/ Febig 0-14 Rang SS hion dia gauge with siphon waree / Febig/H. Guru SS 4" Dall. Make -Baumer	2,250	nos.	2,250
6	2.00	Pressure Switch: Info's rT: 100 Supply Installation of Pressure Switch approved make & Ranhe 0-10 kg/cm2. Connection size25(*) NB & SS 304 casing, Pressure Switch out put Should be with interface such that fire water/ Diesel Driven Pump and jockey pump can start automatically at set pressures Make:- Denfose	2,600	nos.	5,200
7		CI Double Flanged Type Non Return Valve: Supply Installation testing & commissioning of NRV Valve Heavy duty with necessary, sutaible flanges, gaskets, nuts/bolts laboar work etc. Make- Hammer, L.P. DRP			
	1.00	<b>100 mm Dia</b>	8,840	nos.	8,840
	1.00	<b>80 mm Dia</b>	5,280	nos.	5,280

8		Cl Sluice Valve Non Rising Spindle Type with necessary. suitable flanges, gaskets, nuts/bolts etc Make- Hammer,			
	1.00	<b>100 mm Dia</b>	9,840	nos.	9,840
	1.00	<b>80 mm Dia</b>	6,530	nos.	6,530
9		Foot Valve Ball Type with necessary, suitable flanges, gaskets, nuts/bolts etc Make- Hammer,			
	1.00	<b>100 mm Dia</b>	13,040	nos.	13,040
	1.00	<b>80 mm Dia</b>	9,230	nos.	9,230
10	6.00	Gun Metal Ball Valves 25 MM GSME rising Ball valve with handle as per specification PN: 1.6 rated. Make: Matrix	1,050	nos.	6,300
11		External Piping Work Supply, Installation, Testing & Commissioning of above ground GI Pipe, For Water system Complete with Class "C" Fitting like Nut & Bolts, Gasket,. Make: Asian, Apollo			
	55.00	<b>100 mm C Class</b>	1,930	mtrs.	1,06,150
	15.00	<b>80 mm C Class</b>	1,370	mtrs.	20,550
	8.00	<b>50 mm C Class</b>	910	mtrs.	7,280
	15.00	<b>25 mm C Class</b>	450	mtrs.	6,750
12	78.00	Pipe Line Painting Charges: one coat of primers & one coats of enamel paint of Asian / Eq. male and fire Red cooler	135	mtrs.	10,530
13	1.00	Water Storage Suitable Underground RCC Tank. 50,00 LTR Capacity With Labour Works. (Underground Rcc Tank)	9,45,000	nos.	9,45,000
14	1.00	Tank Foundation Works. For Underground Tank.	8,300	Job.	8,300
15		Butter Fly Valve with necessary, suitable flanges, gasket nuts/bolts etc Make:- DRP, Punit, L.P			
	3.00	100mm	7,460	nos.	22,380
	1.00	80mm	4,390	nos.	4,390
16	6.00	Single Head Hydrant Valve 63 mm Dia ss SS Hydrant Valve Conforming IS 5290 complete with 80NB marching Flange, Downward Pattern ISI Mark. Make: Aashi, Armor	5,840	nos.	35,040
17	6.00	MS Hose Box (Single Door) Ms Hose Box fabricated from 20 swg cold rolled sheet with 3 mm glass front window, painted with powder coated p.o.red out side & white inside Make:- Standerd	2,250	nos.	13,500
18	6.00	Hose Pipe With Instantaneous Coupling Type RRL Type Hose Of 63 mm dia 15 mtrs. Long Fire Hydrant Hose Pipes RRL Type-A as per IS: 636 Size 63 mm dia and 15mtr long with Nn-Controll Precolated, complete with Male-Female Instantaneous coupling and wire binding. Test Pressure 23kg/cm2, Working Pressure 14kg/cm2 Make: Torrent, New Age	5,600	nos.	33,600
19	6.00	Small Bore 3/4 "Dia Hose Reel Drum Set: MS Drum set with 30 mtrs. Rubber Hose GM Shutoff Nozzle Complete set. Make- India, PE, New Engineering	6,650	nos.	39,900
20	6.00	Branch - Pipe Fire Hydrant Short Branch Pipe Nozzle SS With ISI Mark. Make: Aashi, Armor	2,400	nos.	14,400
21	200.00	M.S. Bracket For Above Ground Pipe Lines Structural steel consisting of channel, beam, angle, rod, square tube, U clamps etc for MS support of pipe lines.	105	kg.	21,000
22	1.00	Anchor bolt with washer, Bends Reducers	11,000	Job.	11,000
23	1.00	POWER CABLES Suitable power cable from main panel & motors Wiring Works. Make:- R.R, Polycab	27,000	Job.	27,000
24	1.00	Inlet Valve Siamese Connection For Fire Brigade Inlet: 100 dia Two way fire brigade connection with 63 mm dia instantaneous inlet complete with all necessary fittings. Make:-	9,260	nos.	9,260
25	1.00	Consultancy Charges For Site Supervision, Visits Drawing Preparation, Other Miscellaneous Items reducer, nut bolt etc, With NOC Paper Works Charges.	70,000	Job.	70,000
26	1.00	Fire NOC Mandatory Requirement Signage's signage Bord	5,000	Job.	5,000

		<b>FIRE ALARM SYSTEM CONVENTIONAL TYPE</b>			
27	1.00	Fire Alarm System Make:- Agni, Qutak 04 Zone Main Control Panel With LCD Display Oriel	18,000	nos.	18,000
28	6.00	Manual Call Point Make:- Agni, Qutak	750	nos.	4,500
29	40.00	Smoke Detector With Base Make Agni, Qutak	1,600	nos.	64,000
30	8.00	Hooter Make-Agni, Qutak	1,100	nos.	8,800
31	400.00	Wiring, with material & Labour, Flexible FRLS 1.5 mm 2 core Wire Make-R.R, Polycab (Considering as per actual measurement of used Qty.)	110	Mtrs.	44,000
		<b>FIRE EXTINGUISHER</b>			
32	15.00	ABC 6 kg Fire Extinguisher. ABC 6 Kg Fire Extinguisher Mono Ammonium Phosphate Powder 50, Stored Pressure Type, Pressure Gauge, Controllable discharge mechanism Class A Rating 1A & Class B rating 13B as per IS 15683 ISI MARK (ABC Dry Chemical Powder - MAP 50%) MAHAVIR	1,700	nos.	25,500
33	8.00	Co2 4.5 Kgs. CO2 type Fire Extinguisher of capacity 4.5 kg filled with Co2 Gas as per IS 15222 with controll discharge mechanism fitted with Hose & Hon applicable on Class B fire rating 21B confirms to IS 15683, bearing ISI mark. Co2 Cylinder as per IS 7285 with PESO APPROVED MAHAVIR	5,450	nos.	43,600
		<b>SPRINKLER SYSTEM (Parking Area )</b>			
34	2.00	Sprinkler Alarm valve Assly. With alarm Motor Gong. with necessary, sutaible flanges,gaskets, nuts/bolts etc 100 mm Make- HD	49,000	nos.	98,000
35	2.00	Drain Valve 50 NB with necessary, sutaible flanges,gaskets, nuts/bolts etc Make- Matrix, L.P, Hammer	4,500	nos.	9,000
36		Butter Fly Valve with necessary, sutaible flanges, gaskets, nuts/bolts etc Make- Matrix, L.P, Hammer			
	2.00	100 mm	7,460	nos.	14,920
	2.00	80 mm	4,390	nos.	8,780
37	24.00	Quatzoid Bulb Sprinkler Supply & Installation of Sprinkler plain SS body UL Listed finish with suitable size Pendant type spray with Coupling Nut etc. Make- HD	480	nos.	11,520
38	100.00	M.S. Bracket and C chenal For Above Ground and Ceiling Pipe Lines Structural steel consisting of channel, beam, angle, rod, square tube, U clamps etc for MS support of pipe lines.	105	kg	10,500
39		External Piping Work GI pipe Supply of GI pipe, "C" Class Supply, installation, testing & commissioning of heavy grade piping as per ISI Mark. Make-, Apollo, Asian, Tata			
	12.00	<b>100 mm C Class</b>	1,930	Mtrs.	23,160
	36.00	<b>80 mm C Class</b>	1,370	Mtrs.	49,320
	24.00	<b>50 mm C Class</b>	910	Mtrs.	21,840
	96.00	<b>25 mm C Class</b>	450	Mtrs.	43,200
40	100.00	Pipe Line Painting Charges one coat of primers & 2 coats of enamel paint of Asian / Eq. male and fire Red cooler. Make- Sunlac, Asian	135	Mtrs.	13,500
41	20.00	Tie Road with Washer for Pipe Support	220	nos.	4,400
42	20.00	Universal Clamp with Washer for Pipe Support	150	nos.	3,000
		<b>TOTAL, AMOUNT</b>			<b>2960278.00</b>
		<b>SAY, AMOUNT</b>			<b>2960300.00</b>