

# Price Bid

**TCJ/26-27/23**

**GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED  
TRANSMISSION CIRCLE JAMANAGAR**

SCHEDULE – B

<b>Tender Notice No. TCJ/26-27/23</b>					
<b>Name of work :- Construction of New CR Bldg (7+3 Span),Yard Cable Trench &amp; Misc.Civil Works at 66 KV Ranakandorana SS under AM Division Ranavav under Jamnagar Circle</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Approx . Qty.</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
<b>[A]</b>	<b>DEMOLITION &amp; DISMENTELING</b>				
1	Demolition of brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	95.00	CMT	584.00	55480.00
2	Demolition of <b>Unreinforced cement concrete</b> including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift	28.00	CMT	646.00	18088.00
3	Demolition of <b>R.C.C. work</b> including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	75.00	CMT	1123.00	84225.00
4	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	244.00	SMT	51.00	12444.00
5	Dismantling doors, windows, ventilators etc. (wood or steel or alluminium) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3Sq.M. in area.	26.00	NO	199.00	5174.00
6	Dismantling doors, windows, ventilators etc. (wood or steel or alluminium) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) exceeding 3Sq.M. in area.	2.00	NO	267.00	534.00
7	Dismantling C.I. pipes G.S.W. pipes abd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift ( for any dia, of pipe)	35.00	RMT	80.00	2800.00
8	Dismantling santtary fittings like washbasin. W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	5.00	NO	430.00	2150.00
<b>[B]</b>	<b>EXCAVATION, FILLING AND EARTH WORK</b>				
9	Excavation for foundation <b>up to 1.5 Depth</b> including sorting out and stacking of useful materials & Refilling the sides of the trenches	324.00	CMT	534.00	173016.00

	and disposing of the excavated stuff up to any lead - <b>Any type of soil / soft rock / hard rock</b>				
10	Excavation for foundation from <b>1.5m to 3.5m</b> Depth including sorting out and stacking of useful materials & Refilling the sides of the trenches and disposing of the excavated stuff up to any lead - <b>Any type of soil / soft rock / hard rock</b>	39.00	CMT	1226.00	47814.00
11	<b>Filling</b> in plinth/trenches & yard with excavated earth in layers not exceeding 200 mm, thick layers including watering, ramming, consolidating etc., complete as directed by EIC. - Excavated earth from foundation. The item rate includes all leads & lifts.	170.00	CMT	136.00	23120.00
12	Providing Filling in foundation and plinth with murrum or selected soil brought from outside in layers of 20cm. thickness including watering, ramming and consolidating etc. complete as directed by EIC. <b>Note: 25 % of the successive bill amount shall be retained till lapse of one full scale monsoon and rectification of subsistence if any to the design ground level</b>	755.00	CMT	304.00	229520.00
13	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed by EIC from the end of the cutting with all required lead and lift.	71.00	CMT	163.00	11573.00
14	<b>Providing and Filling</b> in plinth/trenches with Sand under floor including spreading, watering, ramming, consolidating etc., complete as directed by EIC. - The item rate includes all leads & lifts.	18.00	CMT	492.00	8856.00
<b>[C]</b>	<b>CONSTRUCTION</b>				
	<b>(1) MASONRY WORK</b>				
15	<b>Providing &amp; laying White stone bela masonry</b> (including quoin blocks, jamb blocks closer etc.) with White Stone Bela of approved size in <b>foundation and plinth</b> with cement mortar 1:6	71.00	CMT	6167.00	437857.00
16	Providing & laying White stone bela masonry (including quoin blocks, jamb blocks closer etc.) with White Stone Bela of approved size for <b>Super Structure G.F+F.F+Stair Cabin</b>	86.00	CMT	6459.00	555474.00
17	<b>Providing Half Brick masonry</b> in common burnt clay building bricks having crushing strength not less than 35 kg/Sq.m in cement mortar 1:4(1 cement & 4 coarse sand) up to plinth & two floors G.F+F.F+Stair Cabin. - Conventional Bricks	39.00	SMT	642.00	25038.00
	<b>(2) CONCRETE WORK</b>				
18	Providing and laying cement concrete 1:4:8 (1 Cement : 4 Coarse and : 8 black crushed stone	90.00	CMT	2765.00	248850.00

	aggregate 40mm nominal size ) and curing complete- Foundation and plinth.				
19	Providing PLY WOOD form work shuttering so as to give a smooth exposed finish including centering (adjustable tubular steel supports). Shuttering strutting and propping etc. for any height of propping and centering below supporting floor to ceiling , and removal of the same for reinforced concrete and plain concrete. for Footings , foundations and pedestal	86.00	SMT	285.00	24510.00
20	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete Excluding the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. & the cost of reinforcement. For foundation Footing, base of column ,mass concrete.	59.00	CMT	4117.00	242903.00
21	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement. For.G.F+FF & Staircasse -For Column	1.00	CMT	10103.00	10103.00
22	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement For.G.F+FF & Staircasse - <b>Beams</b>	1.00	CMT	7911.00	7911.00
23	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement For.G.F+FF & Staircasse -for Sill, <b>Lintel, Chajja, Slab, Coping, other cantilever portion</b>	3.00	CMT	8131.00	24393.00
24	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement For.G.F+FF & Staircasse - for <b>verticle walls.</b>	5.00	CMT	9383.00	46915.00
25	Providing & laying control cement concrete M-25 as per mix design exposed work with curing etc. complete Excluding the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. & the cost of reinforcement.	33.00	CMT	4386.00	144738.00

	For foundation Footing, base of column ,mass concrete.				
26	Providing & laying control cement concrete M-25 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement. For.G.F+FF & Staircasse -For Column	25.00	CMT	10164.00	254100.00
27	Providing & laying control cement concrete M-25 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement For.G.F+FF & Staircasse - <b>Beams</b>	43.00	CMT	9453.00	406479.00
28	Providing & laying control cement concrete M-25 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement For.G.F+FF & Staircasse -for Sill, <b>Lintel, Chajja, Slab, Coping, other cantilever portion</b>	65.00	CMT	8160.00	530400.00
29	Providing & laying control cement concrete M-25 as per mix design exposed work with curing etc. complete including the cost of ply wood shuttering form work & adjustable tubular steel supports / Props. But excluding the cost of reinforcement For.G.F+FF & Staircasse - for <b>verticle walls.</b>	23.00	CMT	9412.00	216476.00
30	Supply, Installation and fixing in position of Fuji silvetrech or its equivalent make Precast RCC Cable trench having size of 600 mm wide and 600 mm depth thickness of wall 65 mm at top and top PSC cover. RCC cable trench & cover provided as per drawing, manufactured with self compacted concrete, rate included, jointing with GP2 or it's equivalent gruting mortar, drilling hole when as required for cable passing with core cutter with top PSC cover, RCC cable trench, Fixing as per instruction of engineer in charge. Precast U (600 X 600 )Shape Drain T 6 for (11kv Power Cable Trench). Width and Depth of each section for required quantities shall be as per below table. The product should be meeting BIS requirements.. Product shall have load carrying capacity - 4.8 Tonnes made by using advanced precast technology having High Performance Self Compacting Concrete of M50 grade and Fe 500 D grade TMT steel reinforcement	116.00	RMT	5121.00	594036.00

	The product shall have tie shape groove of 10-20 mm width X 25 mm depth on both sides of each precast unit product for jointing two precast units. The Precast U Shape drain should have special in built insert at appropriate location for fixing De-Shackle for mechanical installation, including supply, transportation at site.				
31	Providing & Fixing in position as per approved drawing <b>TMT steel reinforcement bars FE 500D</b> , conforming to IS 1786 in RCC work including Cutting, bending, binding with 16 gauge annealed wire, of bars as per IS requirement If necessary and placing in position etc. completed for RCC work. etc completed as directed by EIC.	20.40	MT	76520.00	1561008.00
	<b>(3) PLASTER WORK</b>				
32	Providing <b>15mm thick</b> cement <b>plaster</b> single coat on masonry / bela / concrete wall / ceiling for plastering up to any floor level finished even and smooth in cement mortar 1:3 (1 Cement : 3 sand) <b>finished with floating coat of neat cement slurry.</b>	838.00	SMT	187.00	156706.00
33	Providing <b>15mm thick</b> smooth/Sand face cement <b>plaster</b> on walls in single coat on face side masonry/bela/concrete wall/ceiling up to any height and finished even and smooth in C.M. 1:3 (1 cement : 3 sand) etc. complete.	79.00	SMT	240.00	18960.00
34	Providing <b>20mm thick sand face</b> cement plaster on wall up to height 10 meters above ground level consisting of 12mm 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.	767.00	SMT	327.00	250809.00
35	Providing & fixing <b>18 gauge wire mesh jali</b> having width 200 to 300 mm with nails before finishing the surface with plaster. The item includes providing necessary scaffolding also)	91.00	SMT	201.00	18291.00
36	Providing cement <b>vata</b> (10cmx10cm size) quarter round in cement mortar 1:1 including neat cement finishing watering etc. complete.	206.00	RMT	24.00	4944.00
	<b>(4) PAINT WORK</b>				
37	Providing and Applying <b>two coats of Birla or Asian acrylic lappy (putty) and two coats of primer</b> 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.	779.00	SMT	40.00	31160.00
38	Providing <b>distemping (three coats)</b> with oil bound distemper of approved brand and manufacture and of required shade on	719.00	SMT	110.00	79090.00

	undercoated wall surface to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth.				
39	Providing and Applying 1(One) Coat of SMARTCARE PRIMERO and 2(two) coats of APOCOLITE APEX plastic emulsion paint or its equivalent Wall painting of approved brand and manufacture And GETCO Approved Shade on undercoated wall surface to give an even shade. The work included thoroughly brushing/cleaning the surface free from mortar droppings and other foreign matter and also including preparing the surface even and smooth by sand paper or any other approved method	848.00	SMT	121.00	102608.00
40	Providing & applying 3 coats of <b>ACID/ALKALI resisting paint</b> of approved shade & make to wall, ceiling including filling putty smoothing the surfaces scaffolding etc. complete as directed by E.I.C.	53.00	SMT	131.00	6943.00
	<b>(5) FLOORING</b>				
41	Providing and laying approved quality <b>polished Kotah stone slab(25mm th. and 600mm x 600mm in size)</b> flooring including using 35x25mm approved quality machine cut, marble strip over 20mm (average) thick base of cement mortar 1:6 (1 cement : 6 course sand or L.M. 1:1.5 laid over and jointed with grey cement slurry including rubbing and mirror polishing using polishing machine with grinding six emery's of different no. including using special chemical powder for polishing including white cement coating two times during polishing for filling up minute holes or cracks in joints etc. complete. The item rate includes the removing the existing flooring including base concrete, throwing the stuff as & where directed upto any lead. Etc. complete as directed by E.I.C. The waste material will be property of contractor.	255.00	SMT	1129.00	287895.00
42	Providing and laying <b>polished Kota stone slab</b> 25 mm th. in risers of <b>steps, Dedo and sills</b> laid on 10 mm thick CM 1:3 & jointed with grey cement slurry including rubbing and polishing etc. complete.	36.00	SMT	1187.00	42732.00
43	Providing and laying <b>24"x24" Vitrified 8 to 10 mm thick tiles (600mm x 600mm) or (300mm x 300mm) -JOHNSON / KAJARIA / NITTCO / SIMPOLO or its equivalent,</b> flooring over 20mm(Average) base of Cement Mortar 1:6 (1-	29.00	SMT	1109.00	32161.00

	Cement : 6 Coarse Sand) on new surface or fixing on existing flooring by adhesive materials and also for skirting and dedo on 10mm thick cement plaster in 1:3 including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc complete for light shade				
44	Providing and laying color <b>glazed tiles</b> - JOHNSON / KAJARIA / NITTCO / SIMPOLO or its equivalent make 300mm x 450mm x 8 to 10 mm thick in flooring & Dedo laid on bed of 12mm thick cement mortar 1:3 (1 cement : 3 course sand) & fixing the same in cement & providing 12mm thick back coating of cement plaster in CM 1:3 for base, filling the joints with white/color cement neatly finishing the joints curing etc. complete.	68.00	SMT	1544.00	104992.00
	<b>(6) DOORS AND WINDOWS</b>				
45	Providing and fixing fully glazed / partly glazed double leaf <b>20 micron thick colour anodized</b> aluminium door with following listed extruded section manufactured by Jindal aluminium Ltd. & other accessories, the Aluminium sections are of HE9WP Group: (1) with door outer frame section of 63.5 x 38.1 x 3.18 mm thick weighing 1.777 kg/Rmt (J4605) (2) Door shutter vertical style (meeting style) of 53.7 x 44.45 x 2.30mm thickness (J4537) weighing 1.238 Kg/m (3) Hinge side 53.7 x 44.45 x 2.30mm thickness (J4540) weighing 1.173 Kg/Rmt (4) Bottom rail of size 150 x 44.45 x 2.40mm thickness (J4538) weighing 2.376 Kg/Rmt (5) Lock rail of size 83.5 x 44.45 x 2.40mm thickness (J4549) weighing 1.679 Kg/Rmt (6) Top rail of size 47.62 x 44.45 x 3.18mm thickness (J4506) weighing 1.501 Kg/Rmt (7) Ventilator middle member (if required) 49.91 x 44.45 x 3.00mm thickness (J4621) weighing 1.495 Kg/ Rmt (8) Aluminium handle 127.00 x 37 x 3.65mm thickness (J4483) weighing 1.912 Kg/No. (9) Tower bolt 250mm long (J4954) (10) Aluminium bending mortice lock (J4420) (11) Top panel using 6.0mm thick Triveni or Modi or Saint Gobain make float glass fixed with PVC Clear gasket (12) Bottom panel using 4mm thick exterior aluminium sheet board of make approved by the Engineer - in - Charge (for partly glazed door) fixed with virgin PVC clear gasket (13) Hydraulic floor mounted spring godrej or equivalent of make approved by the Engineer - in - Charge. with all other required fixtures and fastening of colour anodized with aluminium beading, with all labours and materials etc. complete as directed by EIC.	12.00	SMT	3814.00	45768.00

	Aluminium section user for fixing hinges, door closer, etc. shall be filled with country teak wood to receive screws.				
46	Providing and fixing <b>window having extruded aluminium 20micron thick colour anodized section</b> frame main outer size 63.50x38.10x1.95mm (of Jindal Section no:4605, @ wt 1.094Kg/Rmt), horizontal two track member size 61.85mm x 31.75mm x 1.20mm(of Jindal Section mo: 8687 @ wt of 0.695 Kg/mt), vertical member of size 61.85mm x 31.75mm x1.30mm(of Jindal section no: 8758 @ wt of 0.659 Kg /mt) with Sliding Shutters of horizontal member Size 40mm x 18mm x 1.29mm(of Jindal section no: 8949 @ wt of 0.456Kf/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Sectio: 8947 @ wt 0.457 Kg/mt, section 8948 @ 0.457kG/mt) with 5 mm thick transparent bronze colour/white tinted float glass with aluminium fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for Window.	34.00	SMT	1697.00	57698.00
47	Providing and fixing approved quality <b>20micron thick color anodised aluminum ventilator</b> having frame size 63x38.10 mm having thickness 1.20mm & weighing 0.643 kg/rmt approx standard aluminum extruded anodized frame having panel of 5mm thick white/brown glass fixed horizontal louvers in aluminum channel as per details drawings.	2.00	SMT	1164.00	2328.00
48	Providing & fixing approved quality <b>FRP door</b> having FRP frame of size 100x50mm & <b>28mm thick</b> FRP shutter with Depressed Panel shutter having extra reinforcement on side and edges and in Gel coat finish. The core of the shutter is to be filled up with injected fiber extinguishing grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also for fixing hinges and fixtures. The whole FRP frame and shutter is to be water proof, weather proof, termite proof and resistance to mild acid/Alkali resistance including SS hinges with necessary screws and aluminum fixture and fastenings etc complete. 28mm th. shutter & 100x50mm frame.	6.00	SMT	2354.00	14124.00
	<b>(7) FABRICATION ITEMS</b>				
49	Providing and fixing approved quality rolling shutters of approved make and made with crane handle as per IS 6248 -1979 having 18 gauge sheet thickness and 80mm wide M.S. Laths interlocked 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 locking with push pull operation with gear mechanism complete including the cost of hood cover with one coat of	12.00	SMT	5305.00	63660.00

	red oxide primer followed by 3 coats of oil painting of approved shade & tint etc complete as directed by E.I.C (The measurment shall be paid for wall opening plus drum only) (A) Shutter having width below 3.5 meter.				
50	Providing & fixing <b>MS Grill</b> of approved quality & design weighing 25 to 30 kg/SMT. as per drawing & as directed with necessary grill door (if required) including welding or bolted fixtures and fastening. etc. with 3 coats of oil painting of approved shade & tint with one coat of red oxide primer including grouted hold fast in CC (1:2:4) etc. complete as directed by EIC.	300.00	KG	122.00	36600.00
51	Providing and fabricating and placing approved quality steel work welded <b>Hot dip galvanizing</b> as per IS-2633/72 & 209 of 1966 or latest amendment, etc complete in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint :- (A) In beams and joints channels angles, tees, flats with connecting cleats as in main and cross beams, hip and jack rafters, purloins connected to common rafters etc.	581.00	KG	106.00	61586.00
	<b>(8) MISC.</b>				
52	Providing & fixing pre-cast <b>coloured Rubber Dye inter locking concrete block</b> block 60 mm thick with grade of concrete M300 pneumatic compressed by mechanically pressed and as per approved design including 75 mm sand layer for leveling and filling the joint with sand in proper line and level etc complete.	468.00	SMT	701.00	328068.00
53	Providing & placing 50mm thick & 300mm wide <b>Prestressed Concrete Cover</b> (for clear span of up to 1.2 meter in proportion (1:1:5:3) or M-20 necessary reinforcement or 4mm dia HT steel wire-4 Nos. bars and 4mm dia. distribution bars at 150 mm C/C as per drawing & design & vibrating with vibrators. Finishing all the surfaces, curing by placing in water pond for ten days etc. complete as directed by E.I.C. ( The rate includes cost of all material required, labour charges, transportation, loading, unloading etc.	11.00	SMT	535.00	5885.00
54	Providing and applying water proofing treatment by following procedure mentioned here under. (1) Surface preparation by cleaning dirt, dust and loose Particles by mechanical cleaning by grinder and then after mechanical cleaning use air blower to remove all dust & dirt after cleaning hammering test and crack filling (6 mm to 10mm) by mortat and polyurethen sealant including Patch work repairing by polymer mortar or GP-2, pressure grouting, geofabric, waterproof tape etc. are supply by contractor if	338.00	SMT	729.00	246402.00

	<p>require.(2) Waterproofing treatment include, Step-1) Providing and applying primer application of Providing and applying primer application of aquastop base solvent base polyurethane primer as per manufacture specification and as directed by EIC. Step-2) After applying priming coat, apply two coats of Aquastop extraflex as per manufacturer specification and as directed by EIC. Step-3) After applying two coat of aquastop extraflex, apply one coats of Aquastop protect as per manufacturer specification and as directed by EIC (3) After completion of work pond testing testing with fill water 50mm for 7 Days to be carried out. The treatment is to be carried out up to 300 mm on vertical wall as vata. The measurements shall be given only for clear area of terrace excluding the area of vatta. The contractor shall submit performance guarantee of the waterproofing in the form of BG / DD at the rate of 20% of cost of executed item of work order for a period of 7 years from actual date of completion of work on stamp paper of appropriate value in approved format of GETCO. (Special note : Water proofing treatment must be carried out by approved vendors of manufacturer i.e. Kerakoll or it's equivalent manufacturer)</p>				
55	<p>Providing &amp; applying <b>anti termite treatment</b>, as per IS 6313 (Part.II &amp; II 2001) for building works in pre construction &amp; post const. stages, using chemicals conforming to relevant IS in water emulsion and effective when applied uniformly over the area to be treated. The chemical to be used is chlorophriphos 20% EC or its equivalent. The treatment is to be carried out as per the procedure mentioned below and treated plinth surface area is to be taken for measurement. (with performance guarantee for 5 years)a)For pre construction treatment: For plinth filling &amp; periphery holes in side plinth to be drilled 300MM C/C each having depth 1.5M and for inside plinth the hole are to be treated with diluted chemical solution, 1.5 lit. per hole, in the ratio of 1:20. For periphery i.e. out side plinth the ditch is to be treated with diluted solution 2.25 litre per rmt. In the ratio 1:20. The entire surface area is to be treated with diluted solution of dose 2.5 litres per smt. over and above as a plinth surface treatment.</p>	361.00	SMT	107.00	38627.00
56	<p>Providing &amp; fixing approved quality 300x300mm size <b>marble year plate</b> with black border all</p>	1.00	NO	303.00	303.00

	round & letters including fixing the same in cement mortar etc. comp. As directed by EIC.				
57	Drilling of Bore holes 32mm to 40mm dia by means of compressor machine having depth of hole up to 1.00 to 1.20 mt. as decided by Engineer in charge & as per drawing in all sorts of Soil, sand, clay, hard rock etc. truly vertical to existing land with cleaning the same by air & Grouting of Bores holes by means of Cement, sand, Grit, etc. with utilization of aluminum powder or ACC shrink compound 'N' grout or equivalent any other bonding material as approved by competent authority in suitable content with mixing ramming curing etc. complete including with 20mm dia. of M.S. Anchor bar having minimum length of 1.70 mt (Reinforcement) ( The rate includes the cost of MS Anchor bar) as directed by Engineer in charge.	174.00	RMT	446.00	77604.00
[D]	<b>WATER SUPPLY AND DRAINAGE &amp; MISC.</b>				0.00
	<b>(1) PIPES</b>				0.00
58	<b>Providing, laying and jointing</b> in true line and level <b>15 mm diameter UPVC pipe</b> (SCH-40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer in charge. Pipe shall be fixed on the wall with the help of clamp at every two meter c/c or shall be cancelled as directed including necessary fittings, fastening, fixtures, excavation and back filling. The rates includes testing of pipe and jointing and fixing the same with adhesive solvent, including cost of all materials.	35.00	RMT	72.00	2520.00
59	<b>Providing, laying and jointing</b> in true line and level <b>25 mm diameter UPVC pipe</b> (SCH-40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer in charge. Pipe shall be fixed on the wall with the help of clamp at every two meter c/c or shall be cancelled as directed including necessary fittings, fastening, fixtures, excavation and back filling. The rates includes testing of pipe and jointing and fixing the same with adhesive solvent, including cost of all materials.	40.00	RMT	91.00	3640.00
60	<b>Providing, laying and jointing</b> in true line and level <b>40 mm diameter UPVC pipe</b> (SCH-40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer in charge. Pipe shall be fixed on the wall with the help of clamp at every two meter c/c or shall be cancelled as	92.00	RMT	147.00	13524.00

	directed including necessary fittings, fastening, fixtures, excavation and back filling. The rates includes testing of pipe and jointing and fixing the same with adhesive solvent, including cost of all materials.				
61	Providing & laying rigid 6 kg/cm2 PVC drainage pipe 75mm dia. including necessary fittings like bend, tee,Y bend plug etc. fixed with wall by means of clamps & nails with water tight joints by approved solution etc. complete as directed by EIC.	42.00	RMT	147.00	6174.00
62	Providing & fixing FINOLEX or equivalent brand approved quality rigid P.V.C. pipe for Rain water 4 kg/cm2 including necessary fittings like bends, shoe, cowl etc. & fixing the pipes to the wall in plumb by means of G.I. Clamps of 18 gauge sheet at 1 to 1.5 meter distance, filling the joints with approved solution complete as directed by E.I.C. - 90 mm Dia.	108.00	RMT	149.00	16092.00
63	Providing & laying rigid 6 kg/cm2 PVC drainage pipe 110mm dia. including necessary fittings like bend, tee,Y bend plug etc. fixed with wall by means of clamps & nails with water tight joints by approved solution etc. complete as directed by EIC	65.00	RMT	292.00	18980.00
64	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including necessary excavation & refilling the trenches, joining, the pipes with C.M. (1:1) & filling 150mm thick concrete (1:4:8) below joints, curing etc. completed as directed by E.I.C I.S. Class NP3 of internal diameter 300 mm.	48.00	RMT	874.00	41952.00
	<b>(2) FIXTURES</b>				0.00
65	Providing and fixing approved quality <b>PVC SWR Nahani trap</b> IS 14735 for drain 100 mm diameter with jaliwith self cleaning design with CI scread down or hinged grating including the cost of cutting with additional aluminum perforated jali cover & Pipe outside the wall with plug, bend, and making good the walls etc. complete as directed by E.I.C.	5.00	NO	608.00	3040.00
66	Providing and fixing approved quality <b>S.W. gully trap</b> with C.I. Grating, brick masonry chamber and water tight C.I. cover with frame of 300 mm x 300 mm size (inside) with standard weight. (B) 150 mm x 100mm size P or R type.	4.00	NO	1279.00	5116.00
67	Providing & fixing M.S. cover for cable trench in control room made from 14 Gauge M.S. Sheet having M.S. Angle frame alround of 40 X 40 X 5mm. size and cover shutter frame of angle 30 x 30 x 5 mm size & 2 supports at middle including oil painting of 3 coats of approved shade & make. Providing 2 handles of 6mm. dia.	10.00	SMT	5303.00	53030.00

	M.S. bar as per instruction etc., complete as directed by E.I.C.				
68	<b>Providing &amp; fixing</b> approved quality light type <b>450X600 mm size FRP Manhole covers (Approx wt.10.61 Kg &amp; 5 T Capacity)</b> with water tight FRP Frame & fixing the same in concrete etc. complete as directed by E.I.C.	3.00	NO	1163.00	3489.00
69	<b>Providing &amp; fixing</b> approved quality <b>non-return fullway wheel valve 40MM DIA UPVC</b> make <b>PRINCE / SUPREME / ASTRAL / FINOLEX</b> or equivalent as approved by Engineer in charge.	2.00	NO	300.00	600.00
70	<b>Providing &amp; fixing</b> approved quality <b>non-return fullway wheel valve 25MM DIA UPVC</b> make <b>PRINCE / SUPREME / ASTRAL / FINOLEX</b> or equivalent as approved by Engineer in charge.	2.00	NO	150.00	300.00
71	Providing and fixing approved quality <b>screw down bib tapes</b> of following size: (A) Brass screw down bib tap polished bright <b>15mm dia.</b>	10.00	NO	185.00	1850.00
72	Providing & Fixing approved quality a set of 6 Nos. of stainless steel <b>coat racks</b> of approved quality fixed on 20 mm. thick teak wood batten including 3 coats of oil painting etc., complete as directed by E.I.C	2.00	NO	457.00	914.00
73	<b>Providing &amp; fixing</b> approved quality light type <b>600X600 mm size FRP Manhole covers (Approx wt.13.36 Kg &amp; 5 T Capacity)</b> with water tight FRP Frame & fixing the same in concrete etc. complete as directed by E.I.C.	1.00	NO	1198.00	1198.00
74	Providing and fixing approved quality <b>C.P. Brass towel rod</b> complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws. 600mmx20mm size	2.00	NO	610.00	1220.00
75	Providing and fixing approved quality <b>600mm x 450mm beveled edge mirror</b> of superior glass mounted on PVC moulded frame and fixed to wooden plugs with C.P. brass screws and washers.	2.00	NO	851.00	1702.00
76	Providing & Fixing 450X400mm size Stainless Steel approved brand <b>Kitchen Sink</b> Incl waste pipe & Coupling etc; complete as directed by EIC.	1.00	NO	2304.00	2304.00
	<b>(3) BORE AND WATER SUPPLY</b>				0.00
77	Providing & fixing approved quality readymade <b>P.V.C. water tight storage tank of 1000 liters capacity</b> made from linear low density polythene & low density polythene LDPF product confirming to I.S. : 10146-1982 with cover including providing & fixing one 20mm dia, float valve ball-cock, one 20mm dia G.I. over flow pipe of length up to 0.30 t. including making	1.00	NO	4100.00	4100.00

	all connection for inlet/outlet etc. complete as directed by E.I.C.				
	<b>(4) MISC.</b>				0.00
78	Providing and fixing <b>wash basin</b> with single hole pillar tap with tap with C.I. or M.S. brackets painted white/colour including cutting holes and making good the hole including pillar tap,chromium plated bottle trap,stop cock, fisher union, Brass waste pipe etc complet. 550 x 440	2.00	NO	2416.00	4832.00
79	Providing and fixing approved quality European PAN water closet squatting pan size 580mm including providing and fixing Plastic seat cover & jet spreay, 100mm size P or S trap jointing tap with the pan and soil waste pipe and with G.I. inlet connection for flush pipe with W.C. pan and chromium plated brass half turn flush cock of approved quality of 25mm dia etc. complete.	2.00	NO	2505.00	5010.00
80	Providing and fixing <b>urinal</b> of approved quality including connection with trap and with integral longitudinal flush pipe concealed outlet (A) squaring plate pattern white earthenware 550mm x 300mm	1.00	NO	1689.00	1689.00
81	Providing <b>B.B. Masonry inspection chamber</b> for underground CI inspection chamber and bends with bricks heavy crushing strenth not less than 35 kg/cm2 in CM (1:5), CI cover with frame (light duty) 455mm x 610 mm internal dimensions, total weight of cover with frame to be not less than 38 kgs (weight of cover 23 kg and weight of frame 15 kg). RCC top slab with 1:2:4 mix (1cement: 2Coarse sand : 4 graded stone aggregate 20 mm size). Foundation cocnrete 1:5:10, inside plaster 15 mm thick with cement mortar 1:3 finished smooth with floating coat of neat cement on walls and bed concrete etc. complete. Inside dimensions 450mm x 610 mm up to 900 mm deep.	5.00	NO	3264.00	16320.00
82	Providing 2500mm internal diameters & 4.00 Mt deep <b>soak pit</b> including excavation in all types of soil & soft rock & Hard rock & P.C.C. (1:4:8) bedding 300mm thick below masonry and 450mm thick brick masonry in C.M. (1:6) up to 600mm height 350mm thick for further 600mm & 230mm thick for remaining height honey combed, plastering in C.M.(1:3) outside up to 1.5mt height and 100mm thick RCC slab with 600x600mm CI having cover with frame, with necessary reinforcement as per design & CI vent pipe 1800mm long with brick masonry pillar 350x350x450 plastered all around filling 40 to 50mm brick bats up to 1.5Mt depth including 16mm dia MS"U" stages steps refilling including	1.00	NO	103968.00	103968.00

	disposal of the surplus excavated earth up to the lead of 300Mt radius including 3 coats of white or colour wash to all exposed finished surface etc. completed as directed.				
83	Steel Pipe Revolving Chair 5 Pagu Stand full back U Form ( Heavy Moveable) - For Office of Ranakandorana ss & 132KV Bhomiyavadar ss(DE) .	2.00	No	12200.00	24400.00
84	Conference Table (Desk Table) Particle board top choras paya Size : 8 x 3 x 2.5 Feets - For Office	1.00	No	19530.00	19530.00
85	Computer Table Particle Board structure, Keyboard drawer side ma 3 drawer. Niche 2 shelf, upar 12 mm ghashel kach - For Office	1.00	No	14225.00	14225.00
86	Steel Pipe revolving chair computer - For Office	4.00	No	3510.00	14040.00
87	Notice Board Size : 3 x 2 with glass sliding door-For Control Room	1.00	No	4630.00	4630.00
88	File Rack Size : 6 x 3 x 1.25 Feet (Pattrivada 6 padada Box file mate)	1.00	No	8900.00	8900.00
89	Sofa For Office Size : 4 feet	1.00	No	57700.00	57700.00
90	Steel teiniz lockers 18 Khanavada Size : 78 x 42 x 18 - For Store	1.00	No	16990.00	16990.00
91	Stool Size 1.25 X 1.25 X 2	4.00	No	2150.00	8600.00
92	Steel Pipe Revolving Chair 5 pagu stand full back U Form (Standard) For Control Room	1.00	No	5520.00	5520.00
	<b>Total Civil Works Estimate (Part A)</b>				<b>8610028.00</b>
	<b>SCHEDULE B - 1 : CONTROL ROOM INDUSTRIAL ELECTRIFICATION</b>				
93	Providing and fixing of DBS as AC Panel - 1 for CR of ISI marked Powder coated Pearl DBS of ivory color , wall mounting, Double door Distribution board of L&T, Heggarr or higher make fitted with 63Amp Phase Bus bar, Earth / Neutral Bars and inter connecting wires with removable bottom gland plates for all power cable entry from bottom with DIN Channel ,incoming contact and 1No. - 63Amp TPN MCB 'C' Series, 6Nos. - 20A SP MCB 'C' Series and 13Nos. -10A SP MCB 'C' Series All MCBs are L&T, Anchor or Higher make only. Complete in all respect and as per instruction of EIC.	1.00	No	6738.00	6738.00
94	Supplying & laying of following size Control/L.T power cable of FINOLEX or equivalent ISI make in readymade cable trench or by excavating in any type of soil cable trench size 300mm wide and 600mm depth and refilling the same as per the direction of EIC. Item Includes the cable laying up to termination box with clamps & proper clamping of cable on gantries by GI pipe & glands as per direction. Item includes providing & fixing of bricks, sand as per	120.00	Mtr	175.00	21000.00

	requirement to protect cables . The L.T power cable to be provided by contractor as under :As per ISI 1554 (Part-I). 4 Core x 25 mm <sup>2</sup> Aluminum cable -Armored, from LT panel board (LTPB) to Yard Light AC MK (AC Panel-2)., AC Panel 1 in C.R. and yard AC Box				
95	Supplying & Laying Sub-main lines of 3X2.5 mm <sup>2</sup> ( two for P & N and one for Earthing) copper PVC insulated wier of ISI brand in suitable standard make steel conduit pipe having minimum 1.5 mm thickness of approved brand with ISI brand with clmpes with it's associated accessories for various circuits amanating from AC panel 1.as per inst. of E.I.C.	250.00	Rmtr	125.00	31250.00
96	Point wiring for control room tube lights, fans, exhaust fans, fency lights, water tight bulck head lights with PVC insulated 660 V grade standard copper wire in ISI make GI conduct pipe 20 mm dia and 1.6 mm wall thickness size fitted with saddles on the wall/ceiling. Size of wire shall be with 3C x 1.5 sq.mm PVC insulated copper wire for phase and neutral and earth wire [ Green] and 5 Amp Anchor/Roma or any equivalent switch as per specification with 16 guage M.S. box. The box shall be covered with 3 mm thick decorative mat finish hylum sheet. The work is all inclusive of supply and fixing of required materials as afore said [ like GI conduct pipe , sadles , swithces , Steel box , ceiling Rose , flexible copper wire etc] to complete point wiring with each fixture to be earthed by SWG-12 stranded copper conductor having green color as per direction and instructions of E.I.C.	90.00	Point	1298.00	116820.00
97	Providing, fixing & termination for Emergency D.C. supply arrangment. This job includes supply & laying of 2C x 2.5 mm <sup>2</sup> Copper armoured cable from battery charger to SBDC, fixing & providing SBDC & complete wiring with supply of wire & D.C. lamp (110V D.C., 100 watt-4 Nos.) in standard steel conduit pipe as per inst. of E.I.C.	2.00	Job	4492.00	8984.00
98	Providing and Fixing points wiring in GI. Conduit size 20 mm dia and 1.6 mm wall thickness with single PVC insulated 2.5 Sqmm. copper wire of ISI standard good quality using 1.5mm thick suitable size ISI mark Anchor brand 15 Amp. 250 Volt, 5-pin plug socket as seperate plug point with shock proof accessories incl. indication lamp; erected on separate decorative mat finish hylum sheet board on wall with providing adequate green earthing wire as per	17.00	Point	1213.00	20621.00

	specification and instruction of Engineer Incharge.				
99	---- Do ---- as above but with singal PVC insulated 3Cx1.5 sq. mm.copper wire of ISI mark plug socket for 5A domestic use separate plug pointas per direction and instruction of E.I.C.	5.00	Point	814.00	4070.00
100	---- Do ---- as above but looped on same board i.e. No separate board, plug socket for 5A domestic use as per direction and instruction of E.I.C.	17.00	Point	199.00	3383.00
101	Providing and fixing of 1200mm ceiling fan CGL/ORIENT/USHA make white colour with all required accessories. Fan is to be purchased from authorised dealer. Flexible wiring using twin core double PVC 48/0.2 mm copper flexible cord of suitable & approved make and size from ceiling rose upto fan terminal & supply and fixing of energy saver regulators, extra GI pipe of required size and length for lowering of fan if required as per instruction of EIC.	16.00	No	1597.00	25552.00
102	Providing & Fixing of 50 W LED Lighting Fixture (CGL Cat No. LCTLR-50-FO-CDL 50W or equivalent under Cat-II or above as per R&B SOR), 4-core 2.5mm <sup>2</sup> double insulated flexible streded wire should be used from control gear fittings to approved SMC type junction box as per inst. of EIC.	27.00	No	5059.00	136593.00
103	Providing and fixing of 41.5W LED Lighting Fixture (CGL Cat No. LPFC-36-CDL 41.5W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC.	4.00	No	3154.00	12616.00
104	Providing and fixing of 40W (1X4) LED Lighting fixtures as per drawing (in office area & Porch Area) (CGL Cat No. LCTLSN-40-CDL (1X4) 40W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC.	4.00	No	3417.00	13668.00
105	Providing & fixing of 30W LED Street Light Bulkhead (CGL Cat No. LSTO-30-CDL 30W or equivalent under Cat-II or above as per R&B SOR) on out side C/R building and inside cable trench in C/R including wiring from ceiling rose to fixture with suitable size of PVC insulated ISI marked copper wire only as per Instruction of EIC.	15.00	No	2678.00	40170.00
106	Providing and fixing of heavy duty exhaust fan in battery room size 18" of Make GEC/KHAITAN/ CROMPTON/ BAJAJ incl. M.S. louver shutter of Fan & necessary wall finishing works and applying bird proof net on outside wall with required arrangement for rain water sealing and necessary conection from ceiling rose as per Direction and instruction of EIC.	4.00	No	3494.00	13976.00

107	Providing & Fixing of Electric bell with bell switch near officer's table. All materials must be ISI mark and approved by EIC.	1.00	No	149.00	149.00
108	Providing and fixing of 18W LED Lighting Fixture (CGL Cat No.. LCTL-18-CDL 18W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC	5.00	No	1281.00	6405.00
109	Providing & Fixing of G.I. 1.5Mtr Long, 16MM Dia Lightning Rod (Spike) for Lightning Protection of Control Room Building as per Instruction of EIC as shown in Drawing No.. GETCO/E/STD/DSLSP-66kV CR- R0 Dtd. 26.10.17	4.00	No	141.00	564.00
110	Providing & fixing of 50x6 mm GI Flat for Control Room DSLP Protection. The work is to be carried out as per Drg. No.. GETCO/E/STD/DLSP-66kV CR, R0 dated:26.10.17 as per inst. of EIC. The rates are including fixing of clamps on wall which is to be fabricated from 50X6 GI Strip. (GI Strip will be supplied by GETCO Free of Cost)	150.00	RMtr	296.00	44400.00
111	Supply,Installation,Testing and commissioning of maintenance free treated earth electrodes suitable for Rocky Soil as per drawing No. GETCO/E/STD/P-021 (2 OF 2) R3 dated 29-05-2020 and technical specifications GETCO/E/TS-Maintenance free earth pits/R1 dated 04-06-15 for 66/11 kV substations with ground enhancement material/ back fill / grounding compound as per IEEE 80-2000 Clause 14.5 (d) and as per part-7 of IEC-62561 Using Copper bonded earth electrode (with 250 micron copper coating) having 24 mm dia (min) and 3000 mm length which shall be capable of handling STC of 25 KA-1 sec. Work also includes Providing BB masonry inspection chamber(manhole) incl. light type CI cover.	5.00	No	14844.00	74220.00
112	Providing & fixing of Wall Mounted Fan Crompton / Orient/ PSPO / Usha / Cinni (must be ISI approved). including wiring from ceiling rose to Fan terminals of by using twin core flexible PVC to PVC 48 / 0.2 mm copper cord of suitable & approved size & fixing of Fan regulator.	2.00	No	1597.00	3194.00
113	Providing & fixing of all weather proof, cold rolled sheet steel AC Panel - 2 for Yard-Light AC supply having (1) 63A 4P MCB : 01 No. (2) MCX-12A contactor : 01 No. (3) Digital Timer : 01 No. (4) 20A TPN MCB : 06 Nos (5) Indication lamp " 03 Nos (6) Push Butten : 02 Nos	1.00	No	24732.00	24732.00

	(7) Terminal Connector as per site requirement and other detail as per drawing enclosed including grouting & Necessary fabrication of GI Angle or fixing on GI Structure, including earthing with main grid as per instruction of EIC.				
114	<p>Providing &amp; fixing of all weather proof, cold rolled steel sheet floor mounted fixed type single door grey color Main AC Dist box having size 900x600x250 MM with door closing arrangement and necessary rubber gasket. Contractor has to supply following materials with box along with necessary mounting and wiring.</p> <p>(1) L&amp;T/Anchor/Havells Make 100A,4P MCCB - 1 No.  (2) L&amp;T/Anchor/Havells Make 63A,4P MCB - 2 Nos.  (3) 100 A Copper Bus-Bar Link - length 6 inch size &amp; 25 x 3 MM - 4 Nos.  (4) Tinned Earth Bus 25 x 3 MM Length - 32 Inch - 1No.  (5) 25 &amp; 16 sqmm Cu. flexible cable - 4 &amp; 8 Meter respectively.  (6) Required Nos. of Cu. Lugs , etc. as per instruction of EIC.</p>	2.00	No	20650.00	41300.00
115	<p>Supplying &amp; laying of following size Control/ L.T. power cable in readymade cable trench or by excavating in any type of soil cable trench size 300mm wide 600mm depth and refilling the same as per the direction of EIC. Item Includes the cable laying upto termination box with clamps &amp; proper clamping of cable on gantries by GI pipe &amp; glands as per direction. Item includes providing &amp; supply of bircks, sand as per requirement. The L.T power cable to be provided by contractor as under :As per ISI 1554 (Part-I). 3.5 Core x 50 mm<sup>2</sup> Alluminium cable - Armoured, from distribution X'mer to Main Distribution Board near dist. X'mer and from MDB to indoor LT panel board (LTPB) - both 2 runs.</p>	80.00	Mtr	292.00	23360.00
116	<p>Providing and fixing of ISI mark Rubber Matting sheet Suitable for 11kV Class As per following specification.</p> <p>Reference IS:15652-2006 with latest amendment.</p> <p>Suitable for Voltage Class :B  Max Use Voltage : 11kV  AC proof voltage : 22kV  Dielectric strength : 45kV  Leakage current : &lt; 10 micro ampere  Colour RED/BLUE  Make : Vardhman or equivalent ( Rubberhouse</p>	30.00	SQM TR	4492.00	134760.00

	India) Width :1 mtr. Thickness :2.5 mm. Surface :Chequered on one side and other side plain. NOTE: Contractor has to supply Rubber Matting sheet as per IS:15652-2006 with latest amendment specification and shall submit test certificate for routine test as per relevant IS				
117	Supply of 100W LED Flood light, Rating 100 W, Operating voltage 120-280 V AC 50Hz , light output 10000Lm, Body : Alluminium Die Cast, Warrenty 2 Year, make (ISI approved).	15.00	No	1147.00	17205.00
118	Providing & Fixing of Aquaguard Total Reviva Water R.O. Plant including Commissioning & Testing and also with required peripherals for installation of plant as per site condition (1) Dimension: 320 X 275 X 410 mm (2) Weight : 8 KG (3) Water flow : 8 to 12 LPH (4) Input power : 230V AC (5) RO membrece : TFC spiral You have to provide guarantee for the 12 month from the installation.	1.00	No	6889.00	6889.00
	<b>Total Electrical Work Estimate (PART-B)</b>				<b>832619.00</b>
	<b>Total Estimate Cost (Part A + Part B)</b>				<b>9442647.00</b>
	<b>ADD 18 % GST</b>				<b>1699676.46</b>
	<b>Total with GST</b>				<b>11142323.46</b>
	<b>Welfare cess 1%</b>				<b>111423.23</b>
	<b>Total estimated cost</b>				<b>11253746.69</b>
	<b>Special Note:</b>				
	<b>Scrap Recovery of dismantling items of Rs. 246197.00 (inclusive of all taxes) will be deducted from 1<sup>st</sup> RA Bill of thw work</b>				<b>246197.00</b>

**NOTE: (1) Please note that change in commercial terms & conditions in (i) Section-A "Instruction to Bidders" , (ii) Section-C (Conditions of Contract), Caluse No.3 (Compensation for the delay) and clause No.6 (Action on default by contractor) and (iii) Section-D (General Condition of Contract), Clause-37 (Rights of Owner), Clause-38 (Relationship with employee) and clause-39 (Conflict of Interest among Bidder/Agents)**

**Supt Engineer (TR),  
GETCO: Circle Office, Jamnagar.**

I/We have read and clearly understood the terms, conditions, Schedule 'B' and Technical specifications put by GETCO on WEB site.

I/We hereby accept all the conditions and specifications of this tender document, and accordingly, I/We am/are willing to carry out the work at \_\_\_\_\_% (in words \_\_\_\_\_percentage) above/below the estimated cost. Accordingly the total amount of my/our tender works out to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_)

SIGNATURE OF CONTRACTOR.  
(With rubber stamp/seal of the company)