GUJARAT INDUSTRIES POWER CO. LTD.

B A R O D A

ANNEXURE - IV

SCHEDULE OF QUANTITIES & RATES FOR CIVIL WORKS AT NEARBY VILLAGES UNDER CSR ACTIVITIES FOR THE YEAR 2013 - 14 BY GIPCL, BARODA.

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
A	**Dismentalling work**				
1	Dismantalling Brick masonry works and shifting debries as directed..	1	M3		
2	Dismantalling RCC works and shifting debries as directed..	1	M3		
B	**Earth work, Filling:**				
3	Earthwork in excavation below ground level in foundation, trenches, pits, etc. upto 1.50m. depth as directed by Engr.	195	M3		
4	Backfilling with selected available earth including watering, compaction, etc. complete	130	M3		
5	Supplying & filling vasad sand under floors & fdns. watering, compacting, etc. complete.	1	M3		
6	Supplying & filling good quality approved earth under floors. watering, compacting, etc. complete.	165	M3		
C	**Concrete, Reinforcement works**				
7	Providing & laying plain Brick bat cement concrete 1:3:6 in foundations, floors, etc. using good quality 40mm size brick bats including tamping, curing, etc. complete.	70	M3		
8	Providing & laying reinforced cement concrete of M20 grade for all types of work including, shuttering, vibrating, curing, etc. complete (excluding cost of reinforcement but including shuttering) for the work up to 5.0 mt. height	40	M3		
9	Supplying, cutting, bending, lapping, placing and fixing in position Tor steel reinforcement bars of approved quality mill at all elevations including binding with 18 gauge soft wire, etc. complete	2.6	MT		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
D	**Brick work & Plastering**				
10	Providing & laying brick masonary of 230 mm thick and above in cement mortar 1:5 using aproved quality locally available bricks, including scaffolding wherever necessary, curing, raking joints, etc. complete as per specifications and drawings:	168	M3		
11	Providing & laying 115 mm thick brick masonry walls in cement mortar 1:4 including scaffolding curing, etc. complete	55	M2		
12	Providing smooth cement plaster av. 15 mm thick in cement mortar 1:4 for RCC, brick work including scaffolding, curing, etc., complete as per specifications.	340	M2		
13	Providing backing coat plaster av. 15 mm thick in cement mortar 1:4 on RCC, brick work including scaffolding, curing, etc., complete as per specifications.	110	M2		
14	Providing sand faced / mala finish cement plaster av. 20 mm thick (1st coat 14mm & 2nd coat 6mm thk) in cement mortar 1:4 for RCC, brick work including scaffolding, curing, etc., complete as per specifications.	750	M2		
E	**Flooring & Tiling work**				
15	Providing & laying average 40 mm thick (1:2:4) IPS Indian Patent Stone flooring in alternatre pannels with cement concrete 1:2:4 including edge shuttering , smooth finishing, grooves, curing, etc., complete as per specifications and as directed by Engineer.	1	M2		
16	Providing & laying ceramic floor tiles of approved Morbi make 1st quality approved colour shade in floor with 1:6 cement sand mortar bedding @ 25mm to 40mm thk. as required, laying in line & level, pointing the joints with white cement mixed with colour pigment to match with the tiles colour, curing, etc. complete.(Basic rate Rs 25 /sq.ft).	60	M2		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
17	Providing & laying ceramic tiles of approved Morbi make 1st quality approved colour & shade on wall with 1:1 cement and fine screened sand mix. fixing in line & level, pointing the joints with white cement mixed with colour pigment to match with the tiles colour, curing, etc. complete (Basic rate of tiles Rs 20/sq.ft).	210	M2		
18	Providing & laying Kota stone flooring using machine cut average 20 mm to 25 mm thick -2'-0" x 1'-6" size polished Kota stone in flooring & skirting, risers, treads, etc. laid on 40 mm thick cement mortar 1:6 mix in proper line & level including machine polishing to the satisfaction of Engr. etc. complete as directed by Engr in charge.	450	M2		
19	Providing & laying Machine cut 20 mm to 25 mm thick double polished Kota stone for partitions selves, etc. including cutting wall, finishing with smooth plaster, grindings front edge, cleaning, etc. complete.	10	M2		
F	**Doors & windows , Wood work**				
20	Supply and fixing 20mm series aluminium door frame & shutter frame work including sintex make PVC hollow pannels fillar. 3 Nos. S.S. hinges, Alu. baby latch - 2 Nos., Alu handles - 2Nos. etc. & for ventilator with frame & glass louvers fixing.	15	M2		
G	**Painting works**				
21	Providing and applying two coats of Asian / Berger Oil bound acrylic distemper over one coat of primer at all elevations including preparation of surfaces, scaffolding, etc. complete as directed by Engr.	350	M2		
22	Providing and applying two coats of Asian / Berger make ACE equivalent paint over one coat of primer at all elevations including preparation of surfaces, scaffolding, etc. complete as directed by Engr.	325	M2		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
23	Providing and applying two coats of Asian / Berger make synthetic enamel high gloss quality paint at all elevations including preparation of surfaces, scaffolding, etc. complete as directed by Engr.	450	M2		
24	Providing & painting surfaces with two coats of Lime/ colour wash at all elevations including preparation of surfaces, adding glue, robin blue, etc. scaffolding, etc. complete as directed by Engineer.	500	M2		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
H	**Water supply & Sanitary works**				
25	Providing & fixing in position approved morbi make first quality white glazed vitreous china clay vassels ORISSA' pattern WC pan of 580 mm size with glazed trap including jointing inlet & outlet connections, etc. complete	10	No		
26	Providing & fixing in position approved morbi make first quality white glazed vitreous china clay vassels Uropean / Anglo - Indian pattern WC pan with glazed trap including jointing inlet & outlet connections, etc. complete	1	No		
27	Providing & fixing in position approved Morbi make first quality white glazed Wash hand basin of 450 x 350 mm size with CI brackets, heavy duty C.P.waste couplin, PVC spiral waste pipe and PVC supply pipe, etc.	5	No		
28	Providing & fixing in position approved Morbi make first quality white glazed Flat back urinal of 610X410X380 mm size / Urinal for ladies with steps including CI brackets , heavy duty CP waste coupling, PVC spiral waste pipe, etc.	12	No		
29	Providing & fixing in position approved Morbi make first quality white glazed Urinal (squatting) 450 x 350mm for ladies including PVC pipe inter connection, etc. complete	8	No		
30	Providing & fixing CP brass PUSH type Kamal or equivalent Bib cock of 1/2" dia, (15 mm) including fixing with taflon, etc. complete	10	No		
31	Providing & fixing CP brass push type KAMAL or equivalent approved quality Angle cock of 1/2" dia, (15 mm) including fixing with taflon, etc. complete	5	No		
32	Providing & fixing Casting and brass approved quality bibcock of 1/2" dia, (15 mm) including fixing with taflon, etc. complete	10	No		
33	Providing & fixing approved heavy CI Nanhi trap incl. fixing 150mm sq. SS jali over trap.	10	No		
34	Providing & fixing FINOLEX make heavy duty PVC - 110mm dia. pipes & fittings including fixing with clamps, jointing with adhesive solution, etc. complete.	40	Rmt		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
35	Supplying, laying & fixing 'B' class Swastik / Surya make G.I. pipe & ISI mark fittings for water line including jointing with hold tight, & jute, applying bituminous paint, plastic wrapping, etc. for consealed work, making connections, threading, etc. complete for the following:.				
(a)	For 15mm dia G.I.pipe.	1	Rmt		
(b)	For 25mm dia. G.I.Pipe	1	Rmt		
36	Supplying & laying Ashirwad or equivalent make CPVC pipes & fittings for consealed water line including jointing, cutting wall for jari / excavation upto 2'-0" depth, fixing in position, filling jari with cement mortar, testing, etc. complete with all material & labour for the following:.				
(a)	For 15mm dia CPVC pipe.	50	Rmt		
(b)	For 25mm dia. CPVC Pipe	25	Rmt		
37	Providing & fixing approved quality brass ball valve 15mm dia.	10	No		
38	Providing & fixing approved quality brass ball valve 25mm dia.	1	No		
39	Supply and fixing in position Syntex make-Reno 500 ltr. - water tank including inlet, out let & overflow connections, ball cock, etc. complete.	5	No		
40	Construction of soak pit 2.00mtr. Dia. 4.00 mtr. Deep including excavation, brick masonry 230mm thk. & above as per design, filling brick bats upto 2.0 mtr. Depth, RCC top cover with manhole with RCC cover, plastering on out side surfaces upto 600 mm height , etc. complete	2	No		
41	Construction of soak pit 1.80mtr. Dia. 2.00 mtr. Deep including excavation, brick masonry 230mm thk. & above as per design, filling brick bats upto 2.0 mtr. Depth, RCC top cover with manhole with RCC cover, plastering on out side surfaces upto 600 mm height , etc. complete	1	No		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
I	**Waterproofing works**				
42	Providing & laying standard Indian water proofing treatment of average 115 mm thickness at all elevations over slabs, terraces, etc. including laying of brick bats, laying cement mortar 1:4 with approved quality waterproofing admixtures, finishing the top smooth, ponding, leak proof test, etc. complete.	85	M2		
43	Supply and applying construction chemicals as per manufacture's specifications including cleaning, curing , etc. as per requirement for the following :.				
(a)	Latex - Raintite or equivalent	1	Kg		
(b)	Pidiproof - LW or equivalent	5	Ltr.		
J	**Fabrication & Roof sheet works**				
44	Supply, fabricating & erecting in position sturctures fabricated from MS Square, rectangular hollow pipes, chanels, angle, flat, rod, weld mesh, etc including cutting, welding, grinding, drilling holes, etc. and fixing in line and level at all elevations as per approved drawing & as per instruction of Engr., painting with one coat of red oxide primer, etc. complete with all materials for the following:				
(a)	For fabricating - MS Door, Ventilator, grill, gate works, etc. from MS tube, angle, flat, weldmesh, bars, sheets, etc.	0.7	MT		
(b)	For fabricating- truss, purlin, supports, fencing supports, gate supports, etc.for shade from MS Square, rectangular hollow pipe, chanels, angle, flat, rod, etc.	9.75	MT		
45	Supply and installation of colour coated corrugated roof sheet TATA make Tremdeck - 0.5mm thk. for roof, cladding, etc. at all elevations including supply & fixing self tapping screws, scaffolding, etc. complete. (actual area covered shall be considered for the measurment purpose)	520	M2		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
46	Supply and installation of TATA make powder coated plain ridge, cornice, etc. of @600mm width at all elevations including supply & fixing self tapping screws, scaffolding, etc. complete.	55	M2		
47	Supply and laying fencing on boundry wall using four raws of G.I. Barbed wire 14 SWG - 2ply & 04 point TATA wire with GI pins on existing MS angle supports, etc. complete (erection and placing in position of MS angle supporst and grouting of the same will be paid seperately under relevant items).	130	Rmt		
48	Supplying & fixing chainlink fencing using 1.00 mtr. height GI chain link 75 x75 mm diamond shape 10 guage with horizontal 4mm GI wire at top and bottom for fixing chain link with existing angle post including necessary pins, and two Raws of G.I. Barbed wire 14 SWG - 2ply & 04 point of TATA wire at top, necessary pins, with all labour, materials, etc. complete. **The quoted rate shall be for supply & erection of chain link, GI wire, barbed wire & pins, etc. (erection and placing in position of MS angle support and grouting of the same will be paid seperately under relevant items).**	45	Rmt		
K	**Electrification works**				
49	Supply and installation of point wiring for 6Amp light points / power points outlets with 1 sq. mm earthing wire & 1 sq. mm power wires in HDPE pipe conduite including GI metal box, bacaklite cover plate, switches, plugs & related accessories, etc. complete.	30	No		
50	Supply and instalation of circuite main wire 1.5 sq. mm & 1 sq. mm earthing wire in HDPE conduite as per requirement.(from DB to SB)	70	Rmt		
51	Supply and installation of ceiling fan - 1200mm, high speed, crompton greaves make, brown colour.	10	No		
52	Supply and installation of T5 type complete tube light fixtures of Crompton greaves / Philips	10	No		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
L	**Miscellaneous**				
53	Supply and fixing in position M.S. zula (swing) for two children made from 48mm dia. OD M.S. pipe supports, Span 8'-0", top horizontal member of 58mm OD MS pipe, Height 7'-0", 2 nos. seats, GI chain heavy duty, Vijay make Kada with bearing - 04 nos. etc. complete including grouting the stand supports with cement concrete 1:2:4 - 500 x 500 x 500mm size block , painting with one coat of red oxide & two coats of synthetic high gloose enamel paint - all Asian make. with all material, transportation & labour	2	No		
54	Supply and fixing in position M.S. slider 7'-0" height using 18 gauge M.S. sheet & 32mm OD MS pipe slide, 40x20mm size MS tube stand, 20mm OD MS pipe railing & ladder, including grouting the stand supports with cement concrete 1:2:4 - 500 x 500 x 500mm size block, painting with one coat of red oxide & two coats of synthetic high gloose enamel paint - all Asian make. etc. complete as per instruction of engineer.	2	No		
55	Supply and fixing Marble name plate of 300mm x 400mm size using white approved quality marble and computerised letter engraving writeup with colour filling, etc. complete.	5	No		
56	Painting sign boards with synthetic enamal paint of approved quality including painting the base surface of wall & painting matter in different sizes letters, company logo, making border, scaffolding, etc. complete as per instruction of Engr. with all material and labour.	10	M2		

SR. NO.	BRIEF ITEM DESCRIPTION	QTY.	UNIT	RATE in Rs.	AMOUNT in Rs.
57	Supply of Labours for any type of works inclusive of all tools, tackles, supervision, Labour Laws lialilities, Insurance, transportation, fuel, etc. for day of eight working hours .				
(a)	For Unskilled labour	2	No		
(b)	For supply of Mason	1	No		
(c)	Carpentor	1	No		
(d)	For supply of Plumber	1	No		
	TOTAL AMOUNT RS.				
	Add. Service Tax Extra if any				
	Grand Total				
1	**The quoted rates shall be inclusive of all materials & labour.**				
2	Contractors are advise to **visit the site before quoting the rates** to get the idea of site condition and to under stand the scope of work involved for the above items.				
3	**The job is to be carried out at various villages school such as Angadh, Ramgadh, & Navapura and at places as directed by GIPCL within radius of 10Km. From GIPCL, Baroda plant.**				
4	The power and water supply shall be arranged by the contractor at his own cost.				
5	Cement shall be of 53 Grade **Ambuja / Ultratech / Kamal/ L &T** make				
6	Tor steel **reinforcement bars** shall be confirming to IS1786, Punjab rolling mill, ET, Kandhenu make.				
7	Switches & accessories shall be of Anchor make.				
8	1.0 sq. mm & 1.5 sq. mm copper wires shall be of ISI make.				
9	Quantity mentioned for each item is tentative and may vary up to any extent however the quoted item rates shall remain firm.				
10	The work shall be completed before 30.03.2014 .				
11	The service tax as applicable shall be paid extra.				
	Signature of Tenderer				