



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM::HYDERABAD::32
FACTORY CIVIL ENGINEERING DEPARTMENT

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-22/2012-13, Dt: 22.02.2013

PRICE BID

Item no.: 1

Name of work: Renovation of works canteen kitchen with modern equipment (Supply , installation, testing , commissioning of modular kitchen equipment and associate Civil and electrical works)

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
	Part-A- FLOORING, WALLS,CEILING, PLUMBING & DRAINAGE				
1	FLOORING				
a	Supply, laying, pointing, Fixing of NATURAL Flooring stones with Dressed / Polished Granite 16 to 18 mm thick upto 8 ft,(2.43 mts) other than Black / Premium Colours, including dismantling of existing floors / walls and any minor civil works.	780.00	Sq.M	2,000.00	15,60,000.00
b	Basement for flooring with 40mm thick bed for to fix the selected granite stone pointed with C.M. (1:3) including cost and conveyance of all materials, labour charges, curing etc. complete, including dismantling of existing floors / walls and any minor civil works.	298.00	Cu.M	975.00	2,90,550.00
2	WALLS				
a	Supplying and fixing of stainless perforated branding sheet of Ht 2mts with 30mm x 30mm section frame C channels and intermediate T sections bonded with anti corroded SS (A-304) nuts and bolt as specified in drawing which includes polishing, and joints should be glazed and branded to smooth surface, including dismantling of existing floors / walls and any minor civil works.	83.00	Rmt	3,500.00	2,90,500.00
b	Supply and fixing with Dressed / Polished Granite 16 to 18 mm thick upto 9 ft,Height in Kitchen area to withstand temperature includes back fittings, including dismantling of existing floors / walls and any minor civil works.	20.00	Sq.M	2,000.00	40,000.00
3	CEILING				
	Supply and providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum plaster board suspended on G1 frame work with staggered joints G1 frame work with staggered joints. G1 framework to consist of G1 perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling. screw fixed to wall / partition with nylon sleeves and screws @ channels of size 0.9mm thick 45mm x 15mm from the soffit usinf perrietary supplied G1 intermediate channels of size 0.9mm thick 45 mm x 15mm from the soffit at mad dist 1220mm c/c with ceiling angle 0.55mm thick web size 5.5mm and flangers perpendicular to intermediate channel @ 457 mm c/c using connecting clips. Boards are to be joined and finished so as to have flush look which includes finishing the tapered and square compound paper tape and 2 coats of primer suitable for gypsum board. (As per the recommendations/practice). MAKE: INDIA Gypsum / Boral plaster	100.00	Sq.M	740.00	74,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
4	SECCOLOR WINDOWS				
	<p>Dismantling of existing windows along with frames and providing Glazed Windows</p> <p>Dismantling and removing the existing windows along with frames including chipping/chasing brick work/concrete for removal and stacking in stores as directed by Engineer in charge.</p> <p>Supplying & fixing of flush window frame with sides openable shutters and fixed double glazed window with fixed ventilators fabricated from roll formed sections made of galvanised steel powder colour coated (Base steel as per IS 513 "D" quality, galvanised as per IS 277 with Zinc of 120 grams/Sq. m) with total coated thickness of 0.60 mm. External frame should be 46 mmx52 mm. Section for glass beading should be of 20 mmx20 mm and centre mullion should be of 46 mmx70 mm and section for shutter should be of 46 mmx46 mm. Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns, or powder coated with pure polyester powder upto 50-60 microns thick. The frame and shutter sections should be cut to length and mitre joined with corner bracket made of CRCA electroplated.</p> <p>Mullion section should be joined with frame/mullion using Nylon Mullion Cap Ethyl Propylene Diamine Monomer (EPDM) gasket should be used all around glass in shutter between frame and glazed shutter and both sides of fixed glass.</p> <p>Accessories: Handle made of high grade aluminium powder coated and with nylon receiver. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphating. Mullion caps made of glass filled nylon.</p> <p>Glass: Glass shutter and fixed glass portions should be provided with a glass of 20 mm (5 mm plain glass + 10 mm Hermitically sealed air gap + 5 mm plain glass).</p> <p>Window frame should be fixed to brick/concrete masonry by using Nylon self-expanding caps and driving MS electroplated 80 mm long screws into the caps through frames.</p> <p>Any minor gaps between frame and brick work shall be sealed with silicon material at both sides to avoid seepage of rain water/loss of air condition system.</p>	114.00	Sq.M	4,000.00	4,56,000.00
5	<u>DRAINAGE</u>				
a	Basement for Drainage with 20mm thick bed for fixing the drainage grating above the CC bed with C.M. (1:3) including cost and conveyance of all materials, labour charges, curing etc. complete	10.00	Cu.M	975.00	9,750.00
b	Drainage gratings of size 10" wide and 18" depth , as per Drawing	46.00	mts	3,000.00	1,38,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
6	BRANDING				
	Supplying and fixing of stainless perforated branding sheet of Ht 2mts with 30mm x 30mm section frame front side and back with Grey alucobond panels using metallic C channels and intermediate T sections bonded with anti corroded SS (A - 304) nuts and bolt as specified in drawing which includes polishing, and joints should be glazed and branded to smooth surface using high process and opening Glass door of 4' width	120.00	Rmt	3,500.00	4,20,000.00
7	CONCRETE				
	Supply and placing of the Ready MIX Concrete as per IS 4926:2000 of M15 grade with minimum cement content as per IS 456: 2000 and Standard Mix design as per IS 10263:1982 with Course Aggregate of nominal size 20mm and fine aggregate of Zone II as per Mix design approved by the dept. from standard suppliers including cost and conveyance, vertical pumping upto 4mts for building including cost, leveling, grading, spreading, curing, centering, Vibrating, compacting, finishing etc. as required.	21.00	Cu.M	2,970.00	62,370.00
8	Supply,fabrication, rod bending, fixing of MS steel of 12mm and 16mm dia for reinforcement for casting coloums of roof	4.00	Tonnes	48,000.00	1,92,000.00
9	PLUMBING				
A	Supply & laying of 25mm dia GI Pipe, Class B, Make: TATA/ZENITH / JINDAL. Cost of all materials labour etc. complete.	38.00	Rmt	220.00	8,360.00
B	Supply & laying of 20mm dia GI Pipe, Class B, Make: TATA/ZENITH / JINDAL. Cost of all materials labour etc. complete	22.00	Rmt	200.00	4,400.00
C	Supply and fixing of new "Parry ware" make Orissa pan size 580 mm with P/S trap box rim with internal foot treads including ceramic low level flushing cistern 10 litres capacity with Parry ware wonder flush kit, regular in colour with all required accessories etc., complete. The rate quoted shall also include cost of dismantling existing Pan with all fittings and handing over to divisional stores.	2.00	Each	3,000.00	6,000.00
D	Supply and fixing of new "Parry ware" make ceramic cascade water closet suite with "P/S" trap including Cascade seat cover with all accessories regular in colour along with (water closet suite including with attached flush cistern 10 litres capacity with parry ware flush fittings) - The rate quoted shall also include cost of dismantling existing water closet with all fittings and handing over to divisional stores.	2.00	Each	6,985.00	13,970.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
D	Supply and fixing of new urinary pans, "Parry ware" make, ceramic, Model (Cat 0575)- "New Magnum Urinal" (600 mm x 400 mm) along with all accessories, C.P spreader brackets etc., regular in colour along with partition for Magnum Urinal ceramic, 'Z' type brackets to be screwed to the wall at the bottom, in regular colour etc., complete - The rate quoted shall also include cost of dismantling existing urinary pans with all fittings and handing over to divisional stores.- The rate quoted shall also include cost of dismantling existing urinary pans with all fittings and handing over to divisional stores.	8.00	Each	3,933.00	31,464.00
E	Supply and fixing with "Parry ware" make Cascade series wash hand basin below counter, oval basin of size 550 mm x 450 mm with all accessories like brackets, screws, PVC connections etc., complete . Colour: Silky Off - White. Code No.: C0418 - The rate quoted shall also include cost of dismantling existing wash hand basin with all fittings and handing over to divisional stores.	4.00	Each	2,024.00	8,096.00
F	Thorough cleaning of existing oil bound distemper paint/white washing with water, by scrapers for old walls and stone rubbing for new plastered walls with suitable tools and applying one coat of oil based cement primer and applying 3 coats altek lappam one coat after drying the previous coat and sand papering and applying two coats of acrylic washable distemper etc., complete as directed by the Engineer-in-charge. Rate shall include all materials like lappum, primer, tools and tackles, scaffolding etc. Only acrylic washable distemper shall be supplied at free of cost.	1,000.00	Sq. m	67.60	67,600.00
G	Supply & fixing coloured glazed tiles of required make ceramic tiles of Premium (First) quality of required size and of approved shade and design, for walls/flooring over a base of CM 1:4, including neat finishing and jointing etc. complete. (Corners are to be joined by mitering the tiles). The cost of the tile shall be Rs. 70/- per S Ft. The make, design and colour of tile will be selected by department within the above specified cost. The rate quoted shall also include the cost of all materials, labour etc. complete. Payment will be made for finished item of work only.	250.00	Sq. m	764.00	1,91,000.00
H	Supply & fixing "Jaquar" make Pressmatic pillar cock for wash basins, with all accessories. (Cat: 031)	4.00	Each	1,400.00	5,600.00
I	Supply & Fixing of 12 mm dia water taps stainless steel	2.00	Each	350.00	700.00
J	Supply and fixing of GI bend, Make: HB / CD	25.00	Each	52.00	1,300.00
K	Supply and fixing of GI Tee, Make: HB / CD	12.00	Each	52.00	624.00
L	Supply & fixing of C.I. single /double socket soil pipes ISI marked conforming to IS : 1729-1979 of reputed make with cement caulked joist and fixing as per site requirements including painting black with japan Necessary wooden blocks fixed in the masonry walls in cement Mortar (11/2 :1) and including fixing of MS clamps if necessary With required no. of Bombay nails etc., complete. 6" dia (152.4,,) with double socket	30.00	Rmt	1,333.00	39,990.00
M	Supply and fixing of C.I. bend 6" dia	5.00	Each	509.00	2,545.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
N	Supply & fixing of C.I. plug bend 6" dia	5.00	Each	658.00	3,290.00
O	Supply & fixing of C.I Junctions (Ts & Ys)	4.00	Each	1,121.00	4,484.00
p	Supply and Fixing of Waste pipes	2.00	Each	1,200.00	2,400.00
Q	Supply and Fixing of Waste Couplings	2.00	Each	195.00	390.00
R	Supply and Fixing of "Jaquar" make angular stop cocks.	2.00	Each	470.00	940.00
S	Supply and Fixing of long bib cocks	12.00	Each set	170.00	2,040.00
T	Miscellaneous and unforeseen items like civil works making of hole openings closing etc.,	12.00	Each	1,000.00	12,000.00
	Sub total of Part- A			TOTAL: ₹	39,40,363.00
	PART-B				
	Part- B- Electrical, Air Conditioning and Plumbing				
1	Supply and Fixing of Recess mounted down lighter suitable for 1x18W Di cast aluminium with powder coating with acrylic diffuser constant current output of driver operating voltage of 150 to 265 V AC power factor >0.9 high power (9No's of 2W LEDs) with 1W having effycacy of >90 lumens / Watt ..etc. Complete.Mic/Bajaj/Crompton/Surya/ Osram / Wipro. LED Makes Philips/CREE/NICHIA/ OSRAM/ SEOUL/Samsung.	90.00	Nos	5,000.00	4,50,000.00
2	Supply & fixing of the 48" Ceiling fan with accessories like the canopy, blades etc., complete with double ball bearing. Crompton / Khaitan / Bajaj / Orient/Usha with 5* rating. The rate shall include connection of earthing, connections including flexible cable from ceiling rose to fan motor terminals, earthing etc., complete.	20.00	No's	1,600.00	32,000.00
3	<u>INTERNAL WIRING:</u>				
	Supply and laying of 1100V grade PVC insulated, copper conductor cables in 1.5mm thick P.V.C. conduits, run above the false ceiling, concealed in the wall or partition, saddles at every 600mm c/c. A separate neutral shall be run for each circuit. The rate shall include all fixing accessories like collars, tees, elbows, providing fan hooks, ceiling roses, holders, wooden blocks, switches, sockets, switch mounting MS boxes, MS Junction Boxes etc., of approved make, complete in all respects. (Seperate rate is not required to be quoted for this item)				
A	Supply & fixing of 25mm ' PVC pipe with 1.5mm thickness in wall or in ceiling.	1,000.00	Rmt	25.00	25,000.00
B	Providing wiring Point/Fan pont/Exhaust fan/Cell bell for light with 1.5 Sq mm copper multistand PVC insulated wire along with 1.5 Sq mm copper multistand PVC insulated wire for earthing.	120.00	Points	850.00	1,02,000.00
C	Supply and fixing of 12 way TPN -DB horizontal including bus bar with IP 43 protection	2.00	No's	5,026.00	10,052.00
D	supply of 63A/ 60A FP MCCB as incomer for above TPN DB's confirms IS 3947 having breaking capacity 25 KA	2.00	Sets	6,250.00	12,500.00
E	Supply & fixing, commissioning of SPMCB's as out goings , 6-32A , 10KA SP MCB'S Fixing in the above TPN-DBMCCB's including internal wiring from bus bar to MCB's testing.	72.00	no's	184.00	13,248.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
F	Supply & running of 2runs of 4 Sq mm & 1 run of 2.5 Sq.mm.HFFR PVC insulated copper flexible in the existing conduits pipe for 15A power sockets	1,000.00	Mts	135.00	1,35,000.00
G	Supply and fixing of 6A modular type switch including modular front plate,mounting box including connection	120.00	No's	196.00	23,520.00
H	Supply and fixing of modular type 3 pin 5/6amps socket outlet and controlling Switch including front	25.00	No's	258.00	6,450.00
I	Supply and fixing of modular type 3 pin 16/6amps socket outlet and controlling Switch including front plate, mounting box including connection but excluding mod plate	25.00	No's	196.00	4,900.00
J	Supply & fixing of stepped type 400 W electronic fan regulator including front plate , mounting box..etc including connections	20.00	No's	473.00	9,460.00
K	Supply and fixing of 6-32 SPN/DB MCB ISI Mark	9.00	No's	545.00	4,905.00
L	Supply & fixing of Fan hooks with penetration of 20 mm deep miniumum with suitable MS Rod.	20.00	No's	150.00	3,000.00
M	Supply & fixing of telephone socket modules with front cover plate mounting box etc., Make: Krone / D-Link	5.00	No's	225.00	1,125.00
N	Providing Wiring for circuit/submain wiring along with earth wire with the following size of HFFR PVC insulated copper conductor single core in recessed PVC conduits 2 x 6 Sq mm (For Phase) with 1 x 6 Sq mm Earth wire.	100.00	Rmt	150.00	15,000.00
O	Providing Wiring for circuit/submain wiring along with earth wire with the following size of HFFR PVC insulated copper conductor single core in recessed PVC conduits 2 x 4 Sq mm (For Phase) with 1 x 4 Sq mm Earth wire.	100.00	Rmt	90.00	9,000.00
	<u>Air Distribution Systems</u>				
1	Air distribution systems consists of sheet metal ducting complete with suspenders of MS rods, wall brackets, cradles, angle iron supports, GI bolts and nuts, 4 mm thick neoprene rubber gasket stiffeners, fixing of anchor grip bolts, Zinc chromate painted angle iron flanges, chipping and plastering of for duct supports etc complete as per specification. The rate quoted shall include turning vanes, straightening vanes, splitters, inspection doors etc and shall include submission of framed duct layouts of each zone in drawing size no longer than 750 x 500 mm. Make: Jindal Steel / Tata				
A	20 G GSS Ducting	94.00	Sq.m	690.00	64,860.00
B	22 G GSS Ducting	120.00	Sq.m	580.00	69,600.00
2	Supply fixing testing and comissioning of 3 phase, 440 V ,50 Hzs of Coaxial fan of 3000 CFM for the exhaust ducting system with all accessories including cabling, connections, providing 3 phase 32 A MCB with MCB Box with IP 56 Protection. Make: Air Systems/Precision	1.00	Each	22,000.00	22,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
3	POWER DB'S AND CABLES				
A	POWER DB'S AND CABLES Supply, Installation, Testing & Commissioning of main power Distribution panel as per drawing	1.00	Panel	4,57,000.00	4,57,000.00
4	Supply & Laying of Copper Steel braided/ Armoured Cable with thermal proof including cable glanding and Crimping with Lugs for the following sizes.				
A	a) 1 C x 16 Sq.mm	120.00	Rmt	250.00	30,000.00
B	Supply & Laying of aluminium Armoured XLPE Cable including necessary 300 mm x 2 mm thick cable tray with runners and supports, glanding and Crimping with Lugs for the following sizes.				
C	c) 3 ½ C x 185 Sq.mm	150.00	Rmt	864.00	1,29,600.00
D	Supply & Installation of Copper plate earthing of 600mm x 600mm x 3mm thick including accessories and providing necessary enclosures with cover plate with locking arrangement and watering pipe with funnel with mesh etc., including excavation of pit 6'x 4' x 4' and back filling the same with chemical compound of dual messin make chemical etc., complete.	2.00	Each	12,000.00	24,000.00
4	<u>Copper Flat</u>				
A	Supply & laying of Copper Flat 25X3 mm	50.00	Kgs	390.00	19,500.00
5	Supply & Installation of Centrifugal inlet fan 3000 cfm, with all accessories like base frame, inlet guard, V-belt or flat belt driver, belt guard, vibration isolation, motor slide rail, motor supports etc. Make: LTG / PRECISSION / AIROTECH/System air	1.00	Each	32,000.00	32,000.00
6	Supply & Installation of Centrifugal exhaust fan 3000 cfm, with all accessories like base frame, inlet guard, V belt or flat belt driver, belt guard, vibration isolation, motor slide rail, motor supports etc. Make: LTG / PRECISSION / AIROTECH/System air	1.00	Each	32,000.00	32,000.00
	Sub Total of Part-B			₹	17,37,720.00
	Part C - Kitchen Equipment				

Supply, Fixing, testing, comissioning of following Kitchen Equipment as shown in drawing and as per the instructions of the Manager- In charge with all accessories, fastners, tools, plants ..etc required to perform the job upto the satisfaction of the BHEL Authorities.

1	CUT VEGETABLE WASH SINK:- Supply, Fabrication, fixing of cut vegitable wash sink of size 48"X20"X24" made out of 16 SWG, 304 grade stainless steel sheet top with double beeded on all sides and sink to be fitted with 38 mm drain coupling . Legs shall be of 38 mm dia and 16 SWG stainless steel pipe with adj. nylon bullet feets with 25 mm dia 16 G stainless steel pipe cross supports, as per enclosed Drawing - Equipment No. 1 Make: Leader /Rishab	2.00	Each	24,000.00	48,000.00
2	RICE BOILERS:- Supply, Fabrication and fixing of Rice boiler (Rice cooking vessel) of 250 litres capacity , made out of 2 mm thick stainless steel sheet of 304 grade and 50 mm dia & 70 mm HT round hibs thoroughly tig welded with 2 mm thick stainless steel sheet. Complete fitting is to be provided with tilting mechanism and Zoloto Valve (3/4" Stainless Steel), as per enclosed Drawing - Equipment No. 2. Make: Leader /Rishab	5.00	Each	45,000.00	2,25,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
3	POT RACK (3 Tier):- Supply, fabrication, fixing of Pot rack of size: 60"x30"x72" made out of 1' dia & 16 SWG thick stainless steel round pipe and 1.50" dia and 16 SWG thick round pipe & nylon bullet feets for supports (of 304 grade stainless steel pipe), as per Drawing - Equipment No. 3. Make: Leader /Rishab	2.00	Each	28,000.00	56,000.00
4	SINGLE SINK UNIT:- Supply and Fabrication of 16 SWG stainless steel sheet top and double beeded on all sides and 16 SWG die pressed sink of 24" x 26" x 34" deep fitted with 38 mm drain coupling and plastic drain hose pipe, 38 mm dia 16 SWG round pipe nylon bullets and 20 mm dia and 16 SWG Stainless Steel round pipe supports, as per Drawing - Equipment No. 4. Make: Leader /Rishab	3.00	Each	15,000.00	45,000.00
5	TILTING GRINDERS: The Tilting grinder should be fabricated with 304 grade, food grade stainless steel four leg heavy duty stainless steel heavy duty angular frame with tilting mechanism in such a way that the grinder should tilt upto 180 degrees from top to bottom to unload and remove the grinded matter in more easier way and process.. The vessel should be in 8 SWG grade stainless steel and heavy duty type matt finish. The motor and other electrical control gear should confirm IP 56/65 grade protection and should confirm relevant IS standard. Make: Leader /Rishab	2.00	Each	70,000.00	1,40,000.00
6	WET GRINDERS (CONVENTIONAL): The wet grinder should be fabricated with 304 grade, food grade stainless steel rectangular box with grinder. The vessel should be in 8 SWG grade stainless steel and heavy duty type matt finish. The motor and other electrical control gear should confirm IP 56/65 grade protection and should confirm relevant IS standard. Make: Leader /Rishab	2.00	Each	30,000.00	60,000.00
7	SS RACKS:- Fabrication and supply of stainless steel racks, to be made out of 20 SWG stainless steel tops of size 48" x 24" x 66" , 16 SWG stainless steel stiffner and 38 mm dia, 16 SWG stainless steel round nylon bullet feet, as per enclosed Drawing - Equipment No. 7. Make: Leader /Rishab	3.00	Each	21,000.00	63,000.00
8	WORK TABLE WITH 1 UNDER SHELF:- Fabrication and supply of work table of size 48"x24"x24" consisting of 1 under shelf of size made out of 18 SWG stainless steel sheet and supports made out of 32 mm dia round Stainless steel pipe with adjustable nylon bullet feets, as per enclosed Drawing - Equipment No. 8. Make: Leader /Rishab	4.00	Each	15,000.00	60,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
9	MILK BOILERS (ELECTRICAL):- Fabrication and supply of Milk boiler of capacity of 200 litres with 2 mm thick stainless steel, 304 grade inner and outer body and 50 mm dia, 70 mm height round hibs thoroughly tig welded with 2 mm thick stainless steel sheet with accessories like steam inlet, drain cock, Zoloto make ball valve, pressure relief valve etc, as shown in enclosed Drawing - Equipment No. 9. Make: Leader /Rishab	2.00	Each	90,000.00	1,80,000.00
10	TEA TABLES WITH 1 UNDER SHELF:- Supply and fabrication of tea table of 48"X24"X30" with one under shelf made out of 18 SWG stainless steel sheet of 304 grade with 32 mm dia round MS pipe with adjustable nylon bullet feets, as per enclosed Drawing - Equipment No. 10. Make: Leader /Rishab	8.00	Each	18,000.00	1,44,000.00
11	SS STORAGE RACKS FOR TEA & COFFEE:- Fabrication and supply of SS Storage rack for Tea & Coffee of size 48"X24"X66" made out of 18 SWG, 304 grade Stainless Steel Sheet with 16 SWG, 304 grade sheet stifner and 1.50" dia, 16 SWG thick SS Round pipe and Nylon Bullet feets, as per enclosed Drawing - Equipment No. 11. Make: Leader /Rishab	6.00	Each	21,000.00	1,26,000.00
12	DUNNAGE RACKS:- Fabrication and supply of Dunnage rack of size 42"X30"X10", to be made out of 16 SWG thick 1 1/4" size Stainless Steel Square pipe, as shown in drawing, 42" x 30" made out of 304 grade Stainless steel sheet, as per enclosed Drawing - Equipment No. 12. Make: Leader /Rishab	2.00	Each	14,000.00	28,000.00
13	ELECTRICAL STOVE:- Fabrication & supply of Electrical Stove made out of 3 mm thick MS Sheet inner 16 SWG 304 grade SS outer body electrical & thermally insulated between inner, outer bodies. The stove shall rest on 1½ dia, 16 SWG thick SS pipe fitted with nylon bullet feets of 1.5 feet height. The unit should have an high grade heating element of 2.5 KW / 3.0 KW wattage, as per enclosed Drawing - Equipment No. 13. Make: Leader /Rishab	8.00	Each	65,000.00	5,20,000.00
14	CHAPATHI HOT PLATE / GRIDDLES:- Fabrication and supply of Hot plate griddles, to be made out of 18 SWG thick, 304 graded stainless steel sheet frame work made out of Steel Angle. Front panel having removable grease collection arrangement with 4" adjustable legs. The unit should be front serviceable with knobs, as per enclosed Drawing - equipment No. 14. The size is : 96"X30"X34" Make: Leader /Rishab	3.00	Each	1,10,000.00	3,30,000.00
15	Tea Table with 2 U/Shelves:- Fabrication & supply of Tea table with 2 under shelves. Top made out of 16 Swg 304 grade sheet, middle & under shelf is made out of 18 Swg 304 grade and stand is to be fabricated out of 32 mm dia round SS pipe with Adj nylon bullet feets, as per enclosed Drawing - Equipment No. 15. Make: Leader /Rishab	2.00	Each	39,000.00	78,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
16	THREE SINK UNIT of Leader /Rishab:- The 3 Sink Unit is to be fabricated out of 16 SWG of 3 Nos. die pressed sinks of 18" x 18" x 12" of size fitted with 38 mm drained couplings with 25 mm dia 16 SWG Stainless steel pipe for cross supports with nylon bullet proofs for 38 mm dia, 16 SWG stainless steel pipe legs as per enclosed Drawing - Equipment No. 16. Make: Leader /Rishab	1.00	Each	38,000.00	38,000.00
17	180 Idly steam Generator (Two components): Boiler/Electrical/Gas operated with stand. The steam generator should be fabricated out of 304 grade Stainless steel with total food grade suitable for build steaming with die pressed idly trays. It is to be fully insulated and gas/Electrically operated produces 180 idlies at a time within 5 to 8 minutes with Auto steam control valve and auto water levelling system mounted on heavy duty pipe frame structure. Make: Leader /Rishab	2.00	Each	56,000.00	1,12,000.00
18	Tea / Coffee Blender: - Tea/Coffee blender should be fabricated in stainless steel 304 grade outer shell and the inner flask vessel should be thermally insulated to maintain a temperature of 80 degree centigrade for minimum period of 4 hours with necessary control arrangement to blend the liquid dicaction Coffee/Tea with milk in the required ratio. The control knob to set the ratio of tea / coffee with milk should be on the front panel to operate from the front side, as per enclosed Photograph. Make: Leader /Rishab	2.00	Each	39,000.00	78,000.00
19	ONION/POTATO BIN:- Fabrication and supply of Potato / Onion bin made out of 18 SWG perforated SS Sheet. The bin should have top opening with openable lid with stopper. The body should be equally partitioned with perforated SS Sheet with handle, as per enclosed Drawing - equipment no. 19. Make: Leader /Rishab	4.00	Each	28,000.00	1,12,000.00
20	CHOAPING BOARDS:- Fabrication and supply of choaping board made out of 18 SWG SS Sheet with 16 SWG SS Sheet stiffners. The top is to be covered with 40 mm nylon sheet mounting on 32 x 23 x 3 mm MS Angle frame. The unit should have knife box fitted as shown in drawing. The unit shall have stand of 1.5" dia SS pipe fitted with adjustable nylon bullet feet. (Ref. Drawing - Equipment No. 20) Make: Leader /Rishab	6.00	Each	14,000.00	84,000.00
21	CUTTING VEGETABLE TROLLEYS:- Fabrication and supply of vegetable trolley of size 36"x24"x36", to be made out of 16 SWG perforated stainless steel sheet of 304 grade of size 36" x 24". The pushing handle pipe is to be made out of 25 mm dia, 16 SWG thick stainless steel pipe. The moving arrangement is to be provided with 2 nos. of 4" dia wheels locking arrangement, as per enclosed Drawing - equipment no. 21. Make: Leader /Rishab	2.00	Each	26,000.00	52,000.00

SI No	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
22	Supply & Providing of high quality exhaust hood fabricated in a length of 72" with an increase in a multiple of 6" upto any required length, stainless steel matt finish as per requirement, Stainless steel wire mesh with grease filters in 3 piece, modular construction, Two halogen lights to be provided for bright lighting on cook tops, Solid state variable speed blower with speed controller of ISI make, as per Photograph enclosed. Make: Leader /Rishab	5.00	Each	36,000.00	1,80,000.00
23	POTATO PEELERS of make Leader /Rishab as per the drawing	3.00	Each	60,000.00	1,80,000.00
24	PULVERIZERS (WET & DRY) of makes Laxmi priya Engg coimbatore / Swetha Engg /Gems Engg /Surabee SR of Bangalore as per drawing.	2.00	Each	75,000.00	1,50,000.00
25	STEAM AND HOT WATER JET SPRAYER of make Takxi.	1.00	Each	75,000.00	75,000.00
26	LPG STOVE:- Fabrication and supply of LPG stove with top made out of 16 SWG Stainless Steel Sheet of 304 grade, top having size of 18" x 18" Square Graid and unit is to be fixed with T-35 burner. The unit is to be covered with 20 SWG Stainless Steel Sheet of 304 grade all around. The size of unit frame is to be 32 x 32 x 3 mm thick SS angle frame. The stand consisting of 1.5 mm dia SS pipe, 16 SWG thick, as per enclosed Drawing - equipment No. 26. Make: Leader /Rishab	8.00	Each	8,000.00	64,000.00
Sub total of Part- C				₹	32,28,000.00
Total value of work (A+B+C) :				₹	89,06,083.00
₹ Eighty nine lakhs six thousand and eighty three only					
Note:					
1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of the gross value of work executed.				
2	Cement and reinforcement steel will be issued by BHEL on recovery basis @ ₹ 225.00 per bag of cement and ₹31,750.00 per Tonne of reinforcement steel. For RMC Cement will not issue by BHEL.				
3	The work shall be carried as per the instructions of BHEL Engineer-in-charge/Consultant Engaged by BHEL.				
4	The rates are inclusive of VAT and all taxes and duties other than Service tax. The Service tax is extra as applicable, which will be reimbursable to the agency as per norms on production of paid proof documents.				

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.

Tender %	In figure	In words
Excess		
Less		
Estimated value		