



## Hebich's Golden Jubilee Celebration: An Occasion of Achievement and Great Joy

### -A time to honour our past and create our future

The Institute of Hebich Industrial Sciences, founded by the Basel Evangelical Mission Society, Switzerland has entered the 50th year of its journey in 2014. It was through the initiative of Rev. A. Veigel, the representative in Mangalore of EMS that the project took shape.

What began in its nascent stages in 1964 has today blossomed into one of the most prominent and progressive industrial institutions in Karnataka. From 1964 to 2014, we are now marking this passage through our golden jubilee celebration with great joy and pride.

### What Does HTTI Epitomize

Hebich Technical Training Institute – more commonly known as Hebich Institute - The very name is synonymous with discipline and precision. It is widely known in the undivided South Kanara District for the excellent Training imparted to youngsters and at the same time in machining precision components and Spare Parts not readily available – either because the Equipment or the Instrument is an imported one or because the Spare Part is just not available, thus helping the public which includes among others, small and medium Industries and also Doctors of different disciplines – Orthopedics, Surgeons, Dentists, Nursing Homes etc.

### History of HTTI

The Institute was started in 1964 – mainly due to the initiative of the local Missionaries of Basel Mission (Protestant) from Basel, Switzerland and Germany. They convinced the Board in Basel about the usefulness of starting an Institute which could turn out easily employable young men who could help themselves and their families and the society in general with their knowledge and skill. The main objective was to impart skills to young boys who had completed their High School and make them highly skilled craftsmen in precision work – both on machines as well as finishing by hand tools.

Hebich Technical Training Institute was set up in Mangalore, Balmatta in the year 1964 by the Evangelical Missionary Society (EMS) at Basel, Switzerland. It was with the initiative of Rev. A. Veigel, the representative in Mangalore of EMS the project took shape. Financial assistance was granted by the German Association “Bread for the World” which receives gifts from individuals in Germany who are members of the German Evangelical Church (Protestant). Their intention was to provide a strong basis on which individuals may be enabled to help themselves in future by providing them with suitable training courses.

Hebich Technical Training School was inaugurated by Sri R.M. Patel, B.A., LLB, Home Minister, Govt.of Mysore on Friday the 30th October 1964 at 9:00 AM.

Since, logically, to give such training there would a need for Trainers already adept in the field, 2 German Engineers were deputed to Mangalore. The 4-year training was planned in the pattern of training given in Germany.

In the beginning, the Institute was directly supported by the EMS in its administration by way of Staff and financial needs. In 1972, the management of the Institute was taken over by the newly formed Karnataka Christian Educational Society (KACES)

## Our Objectives

The Pillars of Hebich Industrial Institute

- Mr. A Bauer, a German Engineer who came to India in January 1964 with the assignment to start this Technical Institute at Balmatta, was the Superintendent till his return to Germany in February 1967.
- Mr. H. Weber, also a German Engineer, who arrived in Mangalore in May 1964, was In-charge of setting up the workshops. As the Foreman, he was responsible for the training programme. Mr. Weber took over the charge of the Institute as Principal in November 1967.
- Mr. J.A. Monnin came to the Institute in June 1966 and worked as Foreman till 1973. He mainly looked after the Practical training.
- Mr.Haller took the lead as the Principal of HTTI from 1973 till early 1975. After he left, Dr.C D Jathanna, the then Secretary of Karnataka Christian Educational Society, took charge of the Institute from March to August 1975. Mr.JHG Anchen from 1975 to 1996 and Late Mr.Reynold A Heri. From 1996 to 2007.
- Presently Mr.Chetan R is the Principal since 2007...

## Our Institutional Objectives:

Hebich Technical Training Institute (HTTI) stands for advancement of technical skills and for self employment of its trainees as well as to cater to the needs of the growing Industries. It continues to fulfill its basic objectives of rendering valuable and value based technical training to the youth of our society.

Under the guidance of qualified and experienced instructors, students are trained to work at a high degree of precision and safety and develop the qualities of :

- Independent thinking
- Independent judgment
- Mature work habit.

Affiliated to National Council for Vocational Trades (NCVT), the Institute offers a basic course of two years in Fitter trade and One year advance course in Mechanical Craftsmanship.

The most reputed Hebich Technical Training Institute, continues to fulfill its basic objectives of rendering valuable and value based training to the youth. It will be celebrating its 50 years (1964-2014) of glorious history.

- To impart high skill
- To stress dignity of labour
- To practise mature thinking

- To train in self-reliance
- To respect moral values
- To regard spiritual values
- To value devotion to work
- To keep abreast of new developments in one's occupation
- To provide job-oriented training
- To inculcate and maintain high discipline.

## Our Focus

Maintaining the brand name with “Kaizen” (Continuous improvement) activities, the Institute offers a sound foundation in practical skill and knowledge to the trainees and hence moulds their future into “Poke-yoke” (Error- proof) performers. This is being achieved by emphasizing on character building, self respect and disciplined attitude. The main focus in training is to prepare the trainees for a career in modern industries and become an asset to the family and nation. Under the guidance of qualified and experienced instructors, students are trained to work at a high degree of precision and safety.

## *A Dedicated Logo on HITT's Golden Jubilee Celebration:*

The Hebich Industrial Training Institute has unveiled its dedicated logo for the golden jubilee .

## Our Future Vision

To mark the event of 50 years of glorious achievement, the Institute proposes the needs for immediate future: It has been proposed to start a Welding Section with the latest welding techniques including MIG / TIG Welding. There is a high demand of Welders who have this skill and it is hoped that the Trainees would be able to secure highly paid jobs in industry.

The infrastructure required is: Rectifier, Welding Machines, a sufficiently large built-up area etc. It is expected to cost around Rs.16 million Indian rupees. Only with the help of Donors could such a Wing be added to the Hebich Institute.

The Executive Committee of KACES decides to:

The Executive Comiittee of KACES decides to:

<b>To Start advanced welding course (MIG/TIG/6G Welding), MES course including construction of the new Golden Jubilee building</b>	<b>1,65,00,000=00 ( 16.5 Million)</b>
<b>Renovate Existing building</b>	<b>30,00,000=00 ( 3 Million)</b>
<b>Purchase of new machineries –Vertical Machining Centre for production</b>	<b>30,00,000=00 ( 3 Million)</b>
<b>Up gradation of Tools and equipments as per QCI Standards – Mandatory to implement semester scheme from 2013 admissions</b>	<b>5,00,000=00 ( 500,000)</b>

### Technical Details of New Course: ” HTTI Welding Skill Development School ”

Type of course: 1.Basic Welding Course

2. Advance welding Course – MIG/TIG/G6 welding.

Sl, No	Discretion	Unit	Unit Rate in Rs	Tax	Quan	Amount	Remarks
1	Distribution board 440 AMPS and 220 AMPS and step-down transformer 220 to110 AMPS (DB) with ELCB of 30 MAMPS, fitted and all electrical related Power resources and accessories to accommodate required machines	No.	2,50,000	--	1	2,50,000	
<b>Assets List</b>							
2	Back up generator 200 KVA, with 137 HP Engine and with enclosure (Kirlosker)	No.	11,50,000	--	1	11,50,000	
3	Inverter based TIG/ARC Welding Machine 3 Phase 300 Amps, Make : Weld well Make with Tig torch assembly (GTAW)	No.	65,000	14.5 %	10	7,44,250	
4	ESAB welding rectifier, 400 Amps for Arc welding process (SMAW)	No.	85,000	14.5 %	20	19,46,500	
5	Voltas water cooler with stabilizer for (welders refreshment)	No.	31,750	--	2	63,500	

6	Mother oven for backing electrodes (Heating capacity up to 500°C to 400°C) 50 kg holding capacity, Backing temperature Low hydrogen electrode @ 320°C	No.	48,000	14.5 %	2	1,09,920	
7	Oven for holding the electrodes after backing (Heating capacity up to 500°C to 250°C) 5 kg holding capacity, holding temperature for electrode 150°C	No.	3,300	14.5 %	2	7,557	
8	Electrode quavers (Heating capacity up to 100C)	No.	2000	14.5 %	40	91,600	
9	Fire extinguisher (Dry Powder)	No.	4,400	14.5 %	20	1,00,760	
10	Fire extinguisher (CO2)	No.	6800	14.5 %	6	46,716	
11	Fire Sand bucket 4 No's and stand to hold the bucket	No.	2600	14.5 %	4	11,908	
12	Cylinder storage room with gate and locking facility for full and empty cylinders (Oxygen, Acetylene & Argon) with roofing, protection from UV & sun light	No.	LS	LS	LS	1,00,000	
13	Working table size length L-8"xW-4"x H-30". Using 6mm thk MS plate for top, 2" pipe for leg's, 6 No's and 50 x 50 mm angle for frame under the plate	No.	20,000	LS	2	40,000	
14	Table wise 10" to be fitted on the working table	No.	14,500	5.5%	4	61,000	
15	Wrack for store use = Size L-8'x H-7'X 2', by using 50mm x 50mm square pipe and 18mm ply wood for shelf. Number of shelves 4 No's	No.	17500	LS	4	70,000	
					Total	<b>40,73,901</b>	
<b>Office Asserts</b>							
15	Godrej make T9 table for store	No.	16,402	--	2	32,804	
16	Godrej make 5203R revolving chair for store	No.	6,100	--	2	12,200	
17	Godrej make WT 718 table for office	No.	32,634	14.5 %	1	37,366	
18	Godrej make ACE executive revolving chair full back for office	No.	18,972	--	1	18,972	
19	Godrej make CH8 visitor chair w/o arm rest for store & office	No.	3,200	--	6	19,200	
20	Godrej make storwel Model -2 cupboard with full locker and shelves for office & store	No.	20,232	--	1	20,232	
21	Godrej make 4 drawer filing cabinet for office & store	No.	18,398	--	1	18,398	
22	Godrej make multiflux rack ER6615, 6"x3"x15"x6 shelves for office & store	No.	5,800	--	2	11,600	
23	Computer for office use. Lenovo Think Centre Tower Form Factor -Intel H61, Intel Core i3-3220, 2GB, 500GB HDD, No Optical, Classic Professional KB, Opt. Mice, DOS, 3 Year Warranty, Lenovo 19.5" Wide TFT	No.	33,500	5.5 %	2	70,685	
24	DVD Writer LG Make	No.	1,000	5.5 %	1	1,055	
25	Windows 8 SL OEM	No.	5,800	5.5 %	1	6,119	
26	HP MFP 1005 (Print, Copy Scan)	No.	12,500	5.5 %	1	13,187	
27	600 VA UPS for computer with 20 min backup	No.	1,875	5.5 %	1	1,978	
28	Web Cam C270 Logitech	No.	1,200	5.5 %	1	1,374	
29	SBS A35 Creative Speackar	No.	600	5.5 %	1	687	
30	White board	No.	2,500	--	1	2,500	
					Total	<b>2,68,357</b>	
<b>Tooles List</b>							
31	Bench Grinder 150 mm Ralliwolf	No.	9,000	5.5 %	4	37,980	

32	Air blower	No.	6,600	5.5 %	3	20,889	
33	Cutting Machine 14" (Grinder)	No.	13,800	5.5 %	2	29,118	
34	Grinding Machine 5" Make: Stanley Dewalt	No.	5,950	5.5 %	50	3,13,863	
35	Grinding Machine 7" Make: Stanley Dewalt	No.	8,090	5.5 %	10	85,350	
36	Pencil grinder machine, Ralli K600	No.	7,400	5.5 %	6	46,842	
37	Pug Cutting Machine Make:Weldstar	No.	7,000	14.5 %	2	16,030	
38	Cutting Torch : HMP	No.	2,400	14.5 %	4	10,992	
39	Spark Lighter	No.	150	14.5 %	12	2,061	
40	Right angle Try Square 6"	No.	80.00	14.5 %	2	183	
41	Right angle Try Square 12"	No.	260.00	14.5 %	4	1191	
42	Sledge Hammer- 5 Kg	No.	800.00	5.5 %	4	3376	
43	Sledge Hammer- 10 Kg	No.	1,600.00	5.5 %	4	6752	
44	Sledge Hammer- 6 LBS	No.	280.00	5.5 %	4	1182	
45	Sledge Hammer- 2 LBS	No.	90.00	5.5 %	50	4748	
46	Measuring Tapes: 3 Mtrs	No.	47.00	14.5 %	10	538	
47	Measuring Tapes: 5 Mtrs	No.	85.00	14.5 %	6	584	
48	Measuring Tapes: 15 Mtrs	No.	260.00	14.5 %	2	595	
49	Spirit Level 12" Make:Taparia with 45 <sup>o</sup> level	No.	260.00	5.5 %	4	1097	
50	Oxygen Cylinder (with gas)	No.	9,700	--	6	58200	
51	Dissolved Acetylene Cylinder (DA) (with gas)	No.	9,000	--	6	54000	
52	Argonne Cylinder (with gas)	No.	11,000	--	12	132000	
53	Oxygen Cylinder (Gauge) HMP Make	No.	1400.00	14.5 %	6	9618	
54	Acetylene Cylinder (Gauge) HMP Make	No.	1400.00	14.5 %	6	9618	
55	Argonne Cylinder (Gauge) HMP Make	No.	1450.00	14.5 %	12	19923	
56	Cylinder trolley (two cylinders)	No.	5,200.00	14.5 %	6	35724	
57	Cylinder trolley (one cylinders)	No.	4,200.00	14.5 %	10	48090	
58	Cylinder Key	No.	20.00	14.5 %	10	229	
59	Adjustable spanner 12" (Taparia)	No.	310.00	5.5 %	8	2616	
60	Adjustable spanner 6" (Taparia)	No.	130.00	5.5 %	6	823	
61	Screwdriver set (+ & -) (Taparia) 802	No.	130.00	5.5 %	4	549	
62	Cutting player for electrical use (Taparia)	No.	180.00	5.5 %	4	760	
63	Nose player for electrical use (Taparia)	No.	160.00	5.5 %	4	675	
64	Spanner 6mm to 32mm (open) Taparia	Sit	520.00	5.5 %	2	1097	

65	Spanner 6mm to 32mm (Ring) Taparia	Sit	1100.00	5.5 %	2	2321	
66	Half round file Rough	No.	460.00	5.5 %	6	2912	
67	Half round file Medium	No.	535.00	5.5 %	6	3387	
68	Flat file Rough	No.	385.00	5.5 %	20	4874	
69	Flat file Medium	No.	410.00	5.5 %	20	8651	
70	Chipping hammer	No.	60.00	14.5 %	50	3435	
71	Chisel 8"	No.	115	5.5 %	50	6066	
72	High speed blade 1"	No.	230	5.5 %	50	12133	
73	Hard punching set in (Alphabets) A,B,C,D 1/4"	No.	600.00	5.5 %	2	1266	
74	Hard punching set in (Numbers) 1,2,3,4 1/4"	No.	600.00	5.5 %	2	1266	
75	Industrial Vacuum cleaner	No.	55,000	--	2	110000	
					Total	<b>11,13,604</b>	
<b>Welding Inspection Tools</b>							
75	Cam gauge	No.			1	5000	
76	High low gauge	No.			1	3000	
77	Gap gauge (Dore gauge)	No.			1	1500	
78	Undercut gauge	No.			1	4500	
79	Temperature gauge (digital)	No.			1	10000	
80	Fillet weld gauge	No.			1	4000	
81	AC/DC Clamp meter	No.			2	8000	
82	Welding inspection telescope merrier 2"	No.			2	1500	
83	Welding inspection telescope merrier 1"	No.			2	1500	
84	LED torch with white light 8" (for weld inspection)	No.			10	10,000	
						<b>49000</b>	
<b>Consumables List (For one year)</b>							
85	Electrode - E-6010, 312 mm (D&H)	Pkt/120 Pce	765.00	5.5 %	200	161415	No of welder 5 x No of electrode/welder 8 = 40 electrode/day x 275 days
86	Electrode - E-6013, 2.5 mm (D&H)	Pkt/260 Pce	715.00	5.5 %	100	75433	No of welder 10 x No of electrode/welder 5 = 50 electrode/day x 275 days
87	Electrode - E-6013, 3.12 mm (D&H)	Pkt/150 Pce	490.00	5.5 %	250	129238	No of welder 10 x No of electrode/welder 10 = 100 electrode/day x 275 days
88	Electrode - E-7018, 2.5 mm (D&H)	Pkt/150 Pce	620.00	5.5 %	250	163525	No of welder 10 x No of electrode/welder 10 = 100 electrode/day x 275 days
89	Electrode - E-7018, 3.2 mm (D&H)	Pkt/100 Pce	600.00	5.5 %	1200	759600	No of welder 10 x No of electrode/welder 30 = 300 electrode/day x 275 days

90	ER70S2- 2.4 mm (D&H)	Kg	230.00	5.5 %	800	194120	No of welder 10 x No of filler wire/welder 0.150 kg = 1.5 kg filler wire/day x 275 days
91	Tungsten electrode 2.4 mm for (Tig torch)	No.	105.00	5.5 %	750	83081	No of welder 10 x No of Tungsten electrode/welder 10 = 10 No's Tungsten/weak x 52 weak
92	Collette body, (inner and outer) for (Tig torch)	No.	180.00	14.5 %	500	103050	
93	Ceramic cup No: 4, 5, 6, 7, 8 for (Tig torch)	No.	55.00	14.5 %	500	31488	
94	Gas back cup small for small tungsten	No.	35.00	14.5 %	200	8015	
95	Gas back cup big for full tungsten	No.	110.00	14.5 %	100	12595	
96	Copper cable - 50 Sq. mm	Mts.	250	14.5 %	300	85875	
97	Cable lugs, Aluminum -75 Sq.mm	No.	8.00	14.5 %	100	916	
98	Welding holder : 600 Amps	No.	150	14.5 %	750	128813	
99	Mail & female cable connector for welding cable	Pair	250	14.5 %	200	57250	
100	Welding Helmet	No.	175.00	14.5 %	100	20038	
101	Welding Helmet (ring)	No.	35.00	14.5 %	60	2405	
102	Welding helmet (black glass)	No.	30.00	14.5 %	400	13740	
103	Welding helmet (white glass)	No.	2.50	14.5 %	5000	14313	
104	Wire brush MS 5 roes	No.	27	14.5 %	300	9275	
105	Welder Gloves	Pair	45	14.5 %	2500	128813	
106	Tig welding Gloves	Pair	100	14.5 %	600	68700	
107	Hand sleeves	Pair	72	14.5 %	200	16488	
108	Welder Apron	No.	115	14.5 %	200	26335	
109	Leg guard	Pair	52	14.5 %	200	119080	
110	Grinding Wheel- 5"	No.	68	5.5 %	400	28696	
111	Cutting Wheel- 5"	No.	60	5.5 %	2000	126600	
112	Flapper wheel- 5" (for metal smooth polishing)	No.	25	5.5 %	200	5275	
113	Grinding Wheel- 7"	No.	75	5.5 %	250	19781	
114	Cutting Wheel- 7"	No.	72	5.5 %	250	18990	
115	Cutting Wheel 14" for (Grinder)	No.	125	5.5 %	100	13188	
116	Pencil grinder stone A5	No.	35	5.5 %	100	3693	
117	Face shied, (protecting during grinding)	No.	110	14.5 %	100	12595	
118	Safety Helpmate	No.	75	14.5 %	100	8588	
119	Safety googols (Black)	No.	35	14.5 %	100	4008	
120	Safety googols (Clear)	No.	35	14.5 %	100	4008	
121	Coverall (cotton)	No.	750	5.5 %	200	158250	
122	Welder Safety shoes (Hillson)	Pare	720	14.5%	100	82440	
123	First aid box	No.	1,200	--	6	7200	
124	Cutting Nozzle	No.	80.00	14.5 %	12	1099	



125	Hose pipe (Blue/Red)	Mtr	33.00	14.5 %	200	7557	
126	Hose Clip	No.	5.00	14.5 %	50	286	
127	Hose Connector	No.	18.00	14.5 %	12	247	
128	Flashback Arrestor for Oxygen	No.	295.00	14.5 %	6	2027	
129	Flashback Arrestor DA / LPG	No.	295.00	14.5 %	6	2027	
130	Cutting Goggles	No.	35.00	14.5 %	24	962	
					Total	<b>28,42,178</b>	
<b>Materials for the welding course (For one year)</b>							
131	CS Plate- ASTM-A36 grade (1.5M x 6M x 8mm - Thk) For welder training	615 Kg	46.50	5%	37	1807	150 mm x 400 mm = 75 sit's of test plate piece (Form 1 sheet of plate)
132	CS Plate- ASTM-A36 grade (1.25M x 6M x 10 mm - Thk) For welder training	630 Kg	46.50	5%	23	1122	150 mm x 400 mm = 60 sit's of test piece (Form 1 sheet of plate)
133	CS Plate- ASTM-A36 grade (2M x 6M x 12 mm - Thk) For welder training	770 Kg	47.50	5%	10	499	150 mm x 400 mm = 60 sit's of test piece (Form 1 sheet of plate)
134	CS Plate- ASTM-A36 grade (6M x 2M x 18 mm - Thk) For welder training	1250 Kg	47.50	5%	4	200	
135	CS Pipe-ASTM-A106 Grade B (2"X Sch 40x L-6M) For welder training	Mtr	560.00	5%	68	39984	150 mm x 150 mm = 20 sit's of Test piece (From 1 length of pipe)
136	CS Pipe-ASTM-A106 Grade B (3"X Sch 40x L-6M) For welder training	Mtr	1,250.00	5%	10	13125	150 mm x 150 mm = 20 sit's of Test piece (From 1 length of pipe)
137	CS Pipe-ASTM-A106 Grade B (4"X Sch 40x L-6M) For welder training	Mtr	1,750.00	5%	35	64313	150 mm x 150 mm = 20 sit's of Test piece (From 1 length of pipe)
138	CS Pipe-ASTM-A106 Grade B (6"X Sch 40x 6M) For welder training	Mtr	2,750.00	5%	35	101063	150 mm x 150 mm = 20 sit's of Test piece (From 1 length of pipe)
139	CS Pipe-ASTM-A106 Grade B (2"X Sch 80x 6M) For welder training	Mtr	875.00	5%	68	62475	
140	CS Pipe-ASTM-A106 Grade B (3"X Sch 80x 6M) For welder training	Mtr	1,650.00	5%	10	17325	
141	CS Pipe-ASTM-A106 Grade B (4"X Sch 80x 6M) For welder training	Mtr	2,250.00	5%	35	82688	
142	CS Pipe-ASTM-A106 Grade B (6"X Sch 80x 6M) For welder training	Mtr	4,150.00	5%	35	152513	
143	MS Pipes (1.5"x 20 Feet ) for fabricating welding booth and partitions	No.	820.00	5%	25	21525	Size of the indusial welding booth= 6' x 6' x 12 No's
144	MS Plate required for the fabrication of 12 No's of welding booth. Size of plates (0.5mm x 4 F x 8 F)	No.	1,250.00	5%	28	36750	
145	Material to make stand & fixtures to mount the job in each welding booth	LS	--	--	--	12,000	
					Total	<b>5,58,639</b>	
					Grand total	<b>96,25,679</b>	

**Infrastructure requirement:**



Name of the client: Hebich Technical Training Institute

Name of the Project: "HTTI Welding Skill Development School"

Title: Estimation

Date: 30-10-2013

S. No	Description Of The Work	No	Length	Breadth	Height	Quantity	Unit	Rate	Amount
<b>1</b>	<b>Earthwork Excavation for Foundation</b>								
a	For Column Pits upto 5'0"								
	Depth in Ordinary soil	27	6.00	6.00	5.00	4860.00			
						4860.00	Cft	8.00	38880.00
<b>2</b>	<b>P.C.C 1:4:8 Bed Concrete for Foundation</b>								
	For Column Pits								
		27	6.00	6.00	0.50	486.00			
						486.00	Cft	115.00	55890.00
<b>3</b>	<b>R.C.C Works (M 20 Grade)</b>								
a	<b>R.C.C Column Footings</b>								
		27	6.00	6.00	1.50	1458.00			
						1458.00	Cft	310.00	451980.00
b	<b>R.C.C Pedestals</b>								
		27	2.25	1.00	3.50	212.63			





	scaffolding, curing to the required period etc.,								
	Sponge finish :								
	GROUND FLOOR	1	128.00	50.00		6400.00			
						6400.00	Sft	22.00	140800.00
<b>9</b>	<b>Inside Plastering</b>								
	Providing and making inside plastering								
	with C.M. 1:6 mix to a thickness of								
	1/2" to 3/4' to get perfect plumb finish								
	with necessary scaffolding, curing to the								
	required period etc., complete.								
	Sponge finish :								
	GROUND FLOOR	1	936.00		11.00	10296.00			
	Deduction								
	door/window					868.00			
						9428.00	Sft	22.00	207416.00
<b>10</b>	<b>Outside Plastering</b>								
	Providing and making single coats of exterior								
	plastering for walls with C.M mix 1:6 to								
	a thickness of 1/2" to 3/4" each to get								
	perfect plumb finish with necessary								
	scaffolding, curing to the required period								
	etc.,								
	using approved water proof chemicals								
	(including cost of chemicals)								
	Sponge finish :								
	Ground to first floor	1	350.00		25.00	8750.00			
	Deduction :-								
	Door /window					150.00			
						8600.00	Sft	28.00	240800.00
<b>11</b>	<b>Providing &amp; applying two coats of emulsion</b>								
	with 2 coats primer & 2 coats of Patti								

	including all materials complete.								
	For Ceilings:								
	GROUND FLOOR	1	128.00	50.00		6400.00			
						6400.00	Sft	15.00	96000.00
<b>12</b>	Providing & applying two coats of emulsion								
	with 2 coats primer & 2 coats of Patti								
	including all materials complete.								
	For Interior walls :								
	GROUND FLOOR	1	936.00		11.00	10296.00			
	Deduction								
	door/window					868.00			
						9428.00	Sft	15.00	141420.00
<b>13</b>	Providing & applying two coats of exterior								
	acrylic paint over a coat of primer including								
	curing materials etc., Complete.								
	For Exterior walls :								
	Ground to first floor	1	350.00		15.00	5250.00			
	Deduction :-								
	Door /window					150.00			
						5100.00	Sft	13.00	66300.00
<b>14</b>	Aluminium sliding window including all material								
	Window	8	7.90		7.00	442.40			
						442.40	Sqft	275.00	121660.00
<b>15</b>	Window grills								
		8	7.90		7.00	442.40			
						442.40	Sqft	135.00	59724.00
<b>16</b>	Providing & fixing Teak wood Main door :					lumpsum			15000.00

<b>17</b>	Providing & fixing flush door								
		4	4.00		8.00	<b>lumpsum</b>	<b>No.</b>	<b>230.00</b>	<b>920.00</b>
		2	2.50		8.00	<b>lumpsum</b>	<b>No.</b>	<b>230.00</b>	<b>460.00</b>
<b>18</b>	Concrete Door frame								
		6				<b>lumpsum</b>	<b>No.</b>	<b>3000.00</b>	<b>18000.00</b>
<b>19</b>	Tile laying for flooring including all types of material,					<b>6400.00</b>	<b>sqft</b>	<b>85.00</b>	<b>544000.00</b>
	all types of material, labour, curing etc.								
<b>20</b>	Electrical Work minus electrical fixtures					<b>6400.00</b>	<b>sqft</b>	<b>90.00</b>	<b>576000.00</b>
								<b>TOTAL</b>	<b>6270817.98</b>
								<b>Wastage @ 10%</b>	<b>627081.80</b>
								<b>GRAND TOTAL</b>	<b>6897899.77</b>

**Rupees Sixty Eight Lakhs Ninety Seven Thousand Nine Hundred Only**

We want to thank all those who generously supported us in the last 49 years. It is because of your benevolence that we are continuing to make progress in the 21st century and are able to offset some of the budget deficits

We passionately ask you to help us in continuing to provide the training worthy of our Institute.

Each and every contribution you make means so much to the Institution and it will go a long way in moulding the lives of the youth of our Society for a bright future in the years to come...

**We humbly request you to pray for the success of this celebration and kindly give us helping hands by responding generously to this noble cause.**

**Payment Details:**

**1.(For remittance by cheque drawn on an Indian Bank) 2.For remittance in Foreign currency:**

**Name: Hebich Technical Training Institute Golden Jubilee      Karnataka Christian Educational Society**

**SB A/c Number: 0651101059383**

**A/C Number:113201010009431**

**Bank: Canara Bank**

**Vijaya Bank**

**Collectors Gate, Mangalore-2**

**Founders Branch**

**Lighthouse Hill Road,**

**Mangalore-3**

**IFSC Code:CNRB 0000651**

**SWIFT CODE:VIJBINBBMLR**

**Note:Donors also can avail 80G facility.**

**We start the process in the name of our lord and saviour Jesus Christ... Amen**

**Respectfully yours.....**

**Rev.Dr.H.R Cabral**

**Rev.Dr.D.R Sadananda**

**Mr.John Anchen**

**Mr.Chetan .R.**

**Secretary KACES**

**Former Principal, HTTI**

**Principal HTTI**

**President,**

**Secretary,**

**Treasurer,**

**Convener**

**HTTI Golden Jubilee committee  
Committee**

**HTTI Golden Jubilee committee**

**HTTI Golden Jubilee committee**

**HTTI Golden Jubilee**