From: _____

Mold Class: _____ Project No. : _____ _____

Item No.	Tool No.	Part No.	Part Description	Cav.	Part Material	Estimated Press Size	Build Weeks	Cavity/Core size (L*W*H) &Material	Mold base size (L*W*H) &Material	Unit Price (USD)	Tool Format
1		1	Housing lower	1	ABS-FR, COLOR DARK GREY	220 ton	7	160*150*270 718H	300*350*580 S50C	US$4,879	3 plate mold with point gate at the top of the part
2		2	Lid, Outer	1	ABS-FR, COLOR DARK GREY	180		160*160*220 718H	300*300*480 S50C	US$3,943	2 plate mold with edge-gate at the parting line
		3	Lid, Inner	1	ABS-FR, COLOR DARK GREY	130		160*160*200 718H	300*300*440 S50C	US$4,049.00	2 plate mold with sub-gate under the parting line
		4	Cover, Brush	4	SANTOPRENE SHORE 60A	50		240*210*60 718H	350*300*200 S50C	US$1,472.00	2 plate mold with edge-gate under the parting line
		5	Brush	4	SANTOPRENE SHORE 85A	50		240*210*60 718H	350*300*200 S50C	US$1,694.00	2 plate mold with edge-gate under the parting line
		6	Housing mid	1	ABS-FR, COLOR DARK GREY	180		150*150*210 718H	300*250*480 S50C	US$4,479.00	2 plate mold with edge-gate under the parting line
		7	Cover bulb	4	ABS-FR, COLOR DARK GREY	50		130*190*80 718H	250*300*220 S50C	US$2,504.00	2 plate mold with sub-gate under the parting line
		8	Bucket lower	1	ABS-FR, COLOR DARK GREY	220		120*120*240 718H	230*230*540 S50C	US$3,440.00	3 plate mold with point gate at the top of the part
		9	Basket	1	ABS-FR, COLOR DARK GREY	130		100*100*195 718H	240*240*440 S50C	US$4,448.00	2 plate mold with sprue at tope of the part
		10	Motor mount	4	ABS-FR, COLOR DARK GREY	50		100*100*60 718H	230*230*190 S50C	US$2,101.00	2 plate mold with edge-gate under the parting line
		11	Bushing upper	4	Rulon	50		140*90*50 718H	250*230*190 S50C	US$2,123.00	2 plate mold with edge-gate under the parting line
			Bushing lower	4							

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Rev. A

Item No.	Tool No.	Part No.	Part Description	Cav.	Part Material	Estimated Press Size	Build Weeks	Cavity/Core size (L*W*H) &Material	Mold base size (L*W*H) &Material	Unit Price (USD)	Tool Format
		12	Drive Gear, primary	8	Nylon			140*90*50 SKD61	250*230*190 P20	US$2,886.00	2plate mold with sub-gate under Ejector pin
		13	Drive Gear, Secondary	8	Nylon			190*110*50 SKD61	300*250*190 P20	US$3,022.00	2 plate mold with sub-gate under ejector pin
		14	Bracket bulb		ST steel430					US$2,000.00	stamping mold
							Total Cost:			**US$43,040.00**	

Remark:

A) Tool Design Requirement:

1) Tool Design schedule will be finalized when PO or Final Part Geometry (or) instructions presented by EB China.
2) Tool design review meeting will be held prior to tooling initiation.
3) Layout Tool Drawing must be ready **within 3~7**. The layout tool drawing **must include moldbase size; machine tie bar size; steel material size; detailed waterline lines Locations & detailed function section (including P/L location). The second review meeting will be held after the layout tool drawing is completed (The meeting must to . moldbase & steel size will be confirmed prior to purchase.**
4) **The preliminary tool design drawing** should be completed within **3 working days following the second review meeting** and sent to the EB Tooling Engineer for final approval.
5) The final tool drawing should be completed **within one week** following approval by EB Tooling Engineer [**The requirement as per EB "Worldwide Injection Mold Standards" document.]**

B) Mold Base Requirement:

1) Mold Base STD will refer LKM or equivalent.
2) The Ejector plate must have guide pins & guide bushings (Min. 4 pcs./each). The return pins (Min. 4 pcs.) must include springs and the rest button must be included and in alignment with the return pins. KO adapter and stopper must be included and in alignment.
3) If the length of the mold base is over 600mm or the mold will fit on or over 300Ton press machine, then the mold surface need harden pad (RC52~54) around the leader pins. The Ejector Guide Bush & The Leader Bush will be used bronze Bush or equivalent grade (For detail as per"Worldwide Injection Mold Standards" document.).
4) The support pillars will be included.

C) Steel Material Requirement:

1) Refer EB"**Worldwide Injection Mold Standards**" document.

D) Sampling & Delivery Requirement:

1) Tool must be presented with proper manufacturing conditions in order to facilitate sampling (e.g. sufficient venting & cooling).
2) 3 X 48 shots for each sample run (for EB China Project Engineer) & 4 shot sample on First Shot for EB Tooling Engineer.
3) **Min. 2 Hours running time will be requested for all local tools before delivery for production.**
4) **Min. 6 Hours running time will be requested for all overseas tools before delivery for production.**

E) Hot Runner System & Other Requirement:

1) **Overseas & local tools will utilize Yudo or equivalent grade.**

Payment Terms & Conditions:

A) Molds are FOB Hong Kong (if the tool is build for an overseas factory) or FOB Hong KongMainland China port (if the tool is build for domestic factory).
B) The quotation is based upon the RFQ sheet; Tool Plan; Worldwide Injection Mold Standards & requirements listed above.
C) Tool Start day will be count when receiving the EB PO & or Final Part Geometry.
D) Sample shipping cost is included for delivery in China (3 X 48 shots for each tool) &Tooling Engineer (4 shots First Shot sample for each tool).
E) The quotation was includes the tooling debug cost, not including product change.
F) Mold Shop will guaranteee the quality of the mold base as defined in the "Worldwide Injection Mold Standards" requirement, which includes all dimensions and appearance.
G) EB will supply special plastic materials if necessary.
H) The above mold prices are based on the final CAD files. Any product changes may affect the tooling cost.
I) Payment terms:
1) 40% deposit when he order is placed.
2) 30% to be paid following acceptance of the first trial shot.
3) Balance to be paid upon delivery.
J) This quotation is valid for three months.

Product Quotation

Part No.	Part name	QTY' per product	QTY' of Mold cavity	Manufactured /Purchased	Material type	Material price (US$/Kg)	Part weight(g)	Material cost	Estimated Press size(Tonnage)	Hourly rate (US$/Hr.)	Estimated cycle time(Sec.)	Manufacturing /Labor cost	Finish/Deco Type	Finish/Deco cost	Mark up (%)	Total Cost US$
1	Housing lower	1	1	Manufactured	台湾奇美ABS-765	3.1	241	0.747	220	35	35	0.340			15%	1.250
2	Lid outer	1	1	Manufactured	台湾奇美ABS-765	3.1	77	0.239	180	29	30	0.242			10%	0.528
3	Lid inner	1	1	Manufactured	台湾奇美ABS-766	3.1	54	0.167	130	21	30	0.175			10%	0.377
4	Cover brush	1	4	Manufactured	NTOPRENE SHORE	5	11.5	0.058	50	8	20	0.011			10%	0.075
5	brush	1	4	Manufactured	NTOPRENE SHORE	5	5.8	0.029	50	8	23	0.013			10%	0.046
6	Housing mid	1	1	Manufactured	台湾奇美ABS-766	3.1	81	0.251	180	29	35	0.282			10%	0.586
7	Cover bulb	1	4	Manufactured	台湾奇美ABS-767	3.1	7.6	0.024	50	8	20	0.011			10%	0.038
8	Bucket lower	1	1	Manufactured	台湾奇美ABS-767	3.1	115	0.357	220	35	35	0.340			10%	0.766
9	Basket	1	1	Manufactured	台湾奇美ABS-765	3.1	18.2	0.056	130	21	30	0.175			15%	0.266
10	Motor mount	1	4	Manufactured	台湾奇美ABS-767	3.1	0.6	0.002	50	8	20	0.011			10%	0.014
11	Bushing lower	1	4			2.5	0.4	0.001			20	0.011			10%	0.013
12	Bushing upper	1	4	Manufactured	Rulon	2.5	0.4	0.001	50	8	21	0.011			10%	0.013
13	rive Gear, prima	1	8	Manufactured	Nylon+GF	5	0.9	0.005	50	8	25	0.007			10%	0.013
14	ve Gear, second	1	8	Manufactured	Nylon+GF	5	3	0.015	50	8	25	0.007			10%	0.024
15	Bracket bulb	1	1	Manufactured	ST steel 430								Zinc plating			0.5
16	Bracket insert			Supplied	XRD 09158 4.00mm THICK											
17	Belt, Drive															3.6
18	Bulb															4.2
19	Ballast															4.8
20	Socket															2.5
21	LED															0.75
22	Power cord															2.5
23	Motor															2.8
24	AC to DC step down converter			Supplied												

FOB **25.662**