

**Karnataka State Souharda Federal Cooperative Ltd**

**TENDER DOCUMENT**

**PRE QUALIFICATION DETAILS AND PRICE TENDER**

NAME OF WORK: Supply & Installation of 6 Passengers Lift

KSSFCL REGIONAL OFFICE BUILDING KALABURGI  
LOCATION KSSFCL AT #2284, SURVEY NO.28 GDA LAYOUT, KOTHNUR-  
DHARIYAPUR.

ESTIMATED AMOUNT: 11,00,000/- INR

ISSUED TO: Smt/Sri \_\_\_\_\_.

DATE: \_\_\_\_\_.

<b>I Tender Details</b>	
1 Tender Number	KSSFCL/BC/BGM/BID/01/2022-23
2 Tender Title	Supply & Installation of 6 Passengers Lift
3 Location	KSSFCL REGIONAL OFFICE BUILDING KALABURGI KSSFCL AT #2284, SURVEY NO.28 GDA LAYOUT, KOTHNUR-DHARIYAPUR.
4 Tender Category	WORKS
5 Type of Quotation	JOB
6 Tender Evaluation Type	SINGLE_COVER
7 Department/Organization	KSSFCL/Building_Dept/Kalabirgi
8 Denomination Type	RUPEES
9 Completion Period	30+10 Days

## **II General Conditions for Eligible Tenderers**

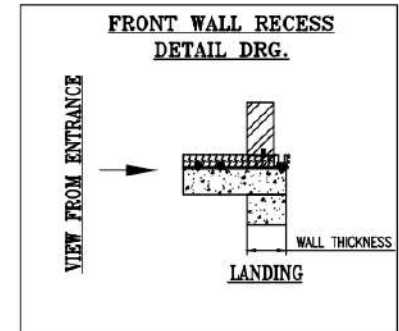
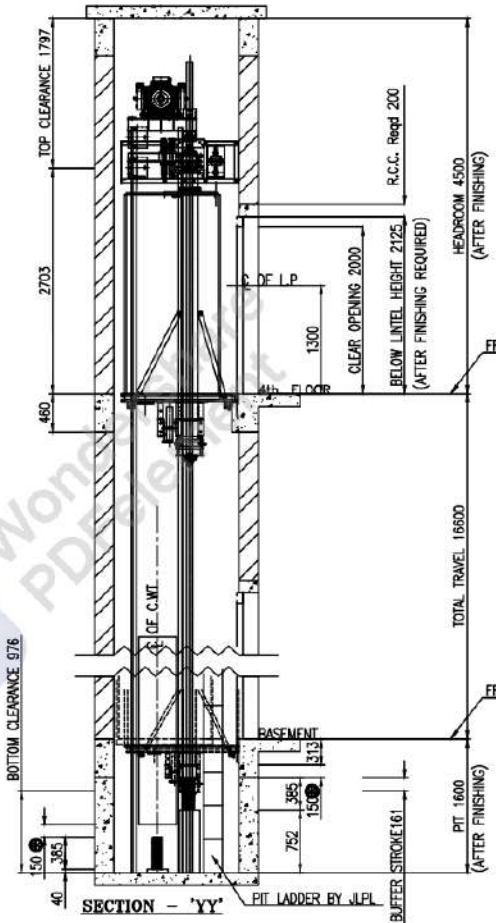
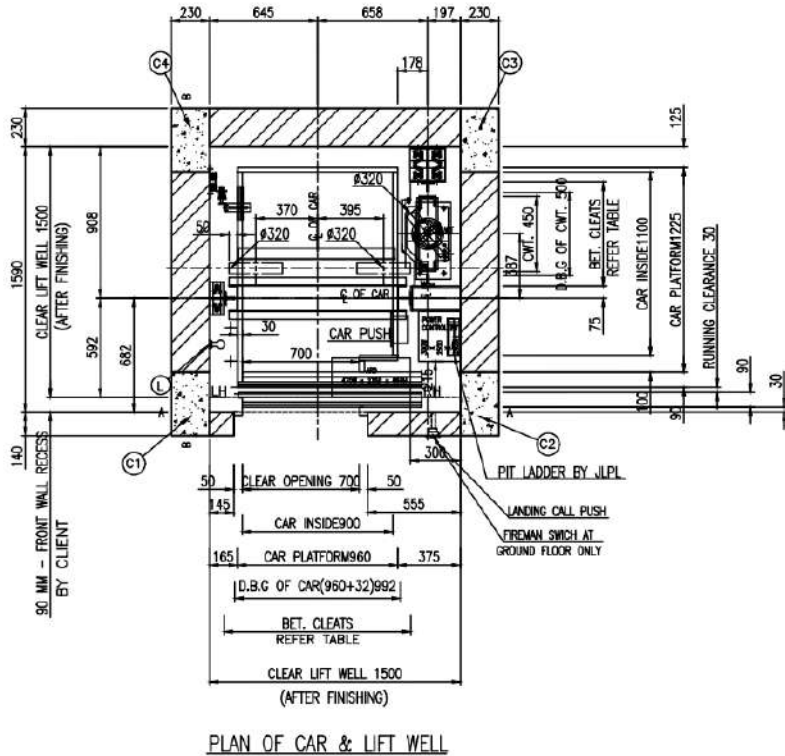
- 1 Tenders from Joint ventures are not acceptable.
- 2 Any damage during the progress of work, the damage cost should be beared by the contractor.
- 3 All materials should be in good quality as per specification, quality certificate for the same should be obtained.
- 4 Contractor should made an agreement within 2 days of tender acceptance date and work should be carried out with in the 1 week time after agreement. If not tender will be cancelled at the contractors own risk and cost
- 5 EMD in the favour of KSSFCL in the form of DD in the name of '**Karnataka state souharda federal cooperative Ltd**'
- 6 The work should be carried out in accordance with the standard specifications specified by the department. The defect liability period for all these works shall not be less than 2 year & the contrator shall have to give guarantee for 3 year maintanance.
- 7 If the rates quoted by the Contractor is lesser than the amount put to tender, the difference cost should be paid by the contractor, through DD / FDR / NSC
- 8 The Contractor should have experience in PVT/GOVT/SEMI\_GOVT/PVT.,
- 9 The Contractor should have experience and work done in Privet/GOVT/SEMI\_GOVT,
- 10 The Contractor should enclose / attach all the necessary certificates duly self attested
- 11 To qualify for award of this contract each tenderer in his name should have in the last two years period (i.e., 2020-21 to 2021-22) Turnover Certificate obtained from Chartered Accountant and achieved in at least two financial years an average Annual Financial Turnover (in all classes of Supply & Installation of lift) of Rs. 10 Lakhs



## Annexure-I

Sr.No	Description	Specification
A1	Type of lift	Passenger lift
2	Nature of structure	Building
3	Nature of premises	Office premises
4	Quantity	1 No
5	Capacity	6 passengers
6	Lift speed	Safe speed recommended
7	No of Stops	4 stops
8	Landing	
	Basement Floor	+/- 0' 00" ft
	Ground Floor	+11'0' ft
	First floor	+22'00" Ft
	Terrace floor	+33'0" Ft
B	Lift date & Details	
1	Opening width (clear opening)	700W X 2000H mm
2	Lift Car Details	With SS section
	Walls of car	SS-304 MAT finish with internal railing, PVC flooring as per the selection of the KSSFCL
	Lights	LED light fittings, and emergency lights are also required.
	Door	Automatic (censored) same width on all the floor.(ARD)
	Entrance	Front, auto censored opening with SS door one side opening( left to right).
	Landing Gate	Auto, one side opening( left to right) SS door, opening
3	Guide Rail	As required
4	Rope	4 Rope system (as per required usage)
5	Motor	Gear less motor, Eco-friendly gearless machine, frequently controlling (Crompton/BB/Siemens class insulation. (machine room-less)
6	Brake	Electromagnetic fall to safe with junction box &MECHANICAL BRAKES IN CASE OF ROPE FAILURE
7	Control Panel	Microprocessor-based control logic is required.
8	Switch Board	Required/SMART OUTSIDE AND BUTTON TYPE INSIDE
9	Push Button seven segment	As required
10	Limit Switch	Required at all the openings(up and down)
11	Proximity switch	As Required
12	Weight arrangement	Counterweight

13	Interlocking	Electrical and mechanical/ interlocking of Landing Gate
14	Hand Rail	Required on one side.
15	Control function	
	Auto function & light cut off	Required
	Light curtain protection on door	As recommended
	Overload detection	Required
	Automatic evacuation to the nearest floor(in case of power cut off)	Required
	Method of operation (collective/selective)	Required
16	Music (as recommended)	floor announcement in Kannada and music
17	Panel	
	Inside the car	
	Display panel (floor designation)	Switches – G,1,2 Alarm
	Emergency call button	Required
	Fan	Required
	At floor level Landing features	Required
<b>C</b>	<b>Motor Details</b>	
1	Type	Squirrel cage induction motor, energy efficient IE Electrical motor class
	Enclosure	Passenger lift,
2	Power supply	415v +/- 10% 3Phase,
3	Speed in RPM	1400 RPM
4	Connection/ Terminal box	NA
5	Earthing	2Nos of Lugs in frame/2no in the terminal box
<b>D</b>	<b>Addition motor details</b>	
1	Motor efficiency	100%
2	Duty type	NA
<b>E</b>	<b>Specifications for passenger lift</b>	
1	Type Of Lift	Passenger Lift
2	No of Lift	1No
3	Load / Passenger	6 passenger lift
4	Rated Speed	1.25/0.66 MPS
5	Travelling meters	As per the building
6	No of Floors	4 Stop
<b>F</b>	<b>Maintenance and service</b>	The 2 Years Defect liability period for all the spares, machines, equipment and service
		The required license and permissions should be done by the vendor.
		Transportation and scaffolding work is the scope of vendors
<b>G</b>	<b>The dimensions as per the Drawing</b>	



**SAFETY WARNING TO ERECTOR / SERVICE TECHNICIANS**  
 1) During the normal lift operation "DO NOT STAND ON CAR TOP"

3 - 4	3350
2 - 3	3350
1 - 2	3350
G - 1	3350
B - C	3200
TOTAL TRAVEL	16600

**FORCES ON GUIDE RAILS**  
 SHAFT MUST BE ABLE TO SUSTAIN R1 FORCES AS SHOWN BELOW

**RAIL FORCES/LOAD in kgs For Car**  
 Passenger LIFT

Loading Condition	Running Condition
R1 57 kgs	R1 57 kgs
R2 35 kgs	R2 35 kgs

Safety Application (Each Rail)

F	1371 kgs
R1(SAFETY)	50 kgs

**RAIL FORCES/LOAD in kgs For Cwt**  
 Passenger LIFT

Loading Condition	Running Condition
R1 23 kgs	R1 23 kgs
R2 6 kgs	R2 6 kgs

**BUFFER REACTION LOAD**  
 Passenger LIFT

CAR BUFFER (P)	CWT BUFFER (Q)
5463 kgs X 1	4484 kgs X 1

(C4)	230x 380 Column
(C3)	230x 380 Column
(C2)	230x 380 Column
(C1)	230x 380 Column

Guide Rail Sizes	Between Cleats
Car 75X62X10	DBG + 124
CWT 78X60X16.4	DBG + 120

(L) ARTIFICIAL LIGHT BY CLIENT  
 REFER BUILDERS NOTES  
 NO:3 (ELECTRICAL)

**NOTE:**  
 F.F.L : FLOOR FINISHED LEVEL  
 ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE NOT TO BE SCALED  
 ALL DIMENSIONS MUST BE TAKEN FROM LINE "A" OR "B"

**NOTE TO ERECTOR:**  
 Car & Cwt. Run by 150mm to be maintained.

APPROVED  
 Sd.....  
 CLIENTS SIGN WITH SEAL & DATE

**NOTE :-**  
 PLEASE CHECK THE DIMENSIONS WHILE APPROVAL WILL BE ENTERED

DETAILS OF REVISION