শেল্টার কো-অপারেটিভ হাউসিং সোসাইটি লিমিটেড
SHELTER CO-OPERATIVE HOUSING SOCIETY LTD.
(REGD. NO. 15/CMAH OF 2001 DATED 23.05.2001)
77CC/2, ANUPAMA HOUSING COMPLEX, PHASE-II, VIP ROAD, KOLKATA - 700 052
PHONE : 2500 6787
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Date : 15.12.2025

Ref No : SCHSL /TECH -2 / 211 /2025-26

Notice for reconstruction of car parking floor area

SCHSL, 77CC /02 VIP ROAD, KOL -700052, a Co -operative Housing Society wants to repair and reconstruct the damaged car parking area in building no. 74CC, 75CC and aisle floor area in building no. 1AA.

Sealed tenders are invited from the interested agencies /parties /Firms for the job as per the specification & BOQ attached.

Interested Agencies / Parties /Firms having adequate experience in the relevant field are required to collect pertaining documents from our registered office on and before 22/12/25 and subsequently submit the tender duly filled and signed at the office.

Last date for submission of tender is 23/12/2025

Tenderers are request to visit site before submission of tender .

The Committee SCHSL reserves the right to accept/ reject any or a the tenders without assigning any reason.

15/12/25

Biswarup Saha

(Secretary)

Shelter Co-op. Housing Society Ltd. 15CMAH 2001

BILL OF QUANTITIES

FOR

SHELTER COOPERATIVE HOUSING SOCIETY

Plain Cement Concrete Flooring at Car Parking Area in Building No. 74CC,75CC and AISLE area in 01AA

Notes:

1.0 Rates and Prices for all items are to be filled in by the tenderer in figures as well as in words in ink and in English.

2.0 The Contractor shall visit the site ascertaining the site condition in details before quotaing their rates .
The Contractor shall also estimate the probable quantities to be carried out for finalising their price offer. The probable quantities for any individual item may vary to any extent for which there will be no claim for extra rate.

Item No.	Scope of work	Quantity (approx Area in Sq.Ft.)	Unit Rate per Sq.Ft. (excluding taxes & duties)	Total Price excluding Taxes & duties	GST amount	Total Price including GST in Rs
		(a)	(b)	(c)=(a) * (b)	(d)	(e)=(b)+(d)
	i) Thorough dismantling/Chipping with due care of partially damaged plain cement concrete Floor at Car Parking Area (74CC& 75CC) and Aisle (in 1AA) at Plinth level using pneumatic equipment and disposing of muck/ debris from society complex . **ii) Supplying, laying and compacting plain cement screed concrete of nominal mix (1:1.5:3) M20 by volume with water cement ratio of 0.40 as defined by IS:456 with 10 mm down graded coarse stone aggregates in all levelling courses including filling of loose pockets etc. under floors etc at all depths below finished Plinth level** **iii) Topping course of cement & sand (1:1) whilst the bed screed concrete is still green and the bleed water has evaporated** **iii) Trowelling to a smooth finish maintaining proper slope to ensure no stagnation of water in floor area and curing for fifteen days by forming temporary pond.**					
1	**Scope of work as per above description in garage area in Building No. 74CC & 75CC where Average Thickness of Bedding and Topping to be maintained as 60 mm**	2125				
2	**Scope of work as per above description in Aisle area of Building No. 1AA where Average Thickness of Bedding and Topping to be maintained as 35 mm**	400				

Floor finish laid monolithically on hardened concrete base: The sub-grade shall be properly wetted and the base concrete laid, if possible over the whole area at a stretch. The surface shall be left rough to provide adequate bond for the topping by wire brushing two to three hours after its laying.

Before the topping is laid, the surface of the base shall be thoroughly cleaned of loose materials, dirt and laitance by wire brushing. Where this is not possible, chipping or hacking shall be done. The surface shall be soaked with water for 12 hours before laying the topping. The surplus water shall be mopped up, 1:1 sand cement slurry spread and the concrete for the topping deposited in suitably divided panels. The mix for the topping shall be as stiff as possible consistent with workability so as to prevent accumulation of excess water or laitance. After thorough consolidation the topping shall be struck off level and surface floated with a wooden float. It shall be tested with a straight edge and mason's spirit level to detect any inequalities and any undulations found shall be made good immediately.

Laying topping in two layers: Where it has been specified that the topping is to be laid in two layers to obtain very smooth and dense finish, the base concrete and underlayer of topping shall be laid as above with the exception that the surface of the concrete in the underlayer of topping shall not be finished smooth but left rough after tamping and leveling.

Before placing the top layer, any water or laitance which may have worked up to the surface of the underlayer shall be removed. The top 10 mm thick top layer of 1:1:2 cement concrete of consistency stiffer than that of underlayer of concrete shall then be immediately laid over the rough but green surface of underlayer and thoroughly tamped, struck off level and the surface floated with a wooden float. The surface shall then be tested with a straight edge and mason's spirit level to detect any undulations and if any, these shall be made good and then the surface finished smooth as specified below.

Finishing surface by troweling: After the concrete has slightly hardened it shall be finished by troweling. Conventional types of spreading equipment, including towels, notched spreaders and screed levelling devices shall be used. Finishing operations shall start shortly after the compaction of concrete and shall be spread over a period of one to six hours depending upon the temperature and atmospheric conditions. The surface shall be trowelled three times at intervals so as to produce a uniform and hard surface. Immediately after laying, just sufficient troweling, the duration being guided by temperature and rate of set of cement, the surface shall be retroweled to close any pores in the surface and to draw out and mop up any excess water in the concrete and laitance. The final troweling shall be done well before the concrete has become too hard but at such a time that considerable pressure is required to make any impression on the surface. Trowelling with dry cement mix on the surface shall not be permitted.

Curing: As soon as the surface has hardened beyond damage, it shall be kept continuously moist for at least 15 days by impounding water on the finished surfaces.