

SENA KALYAN READY MIX CONCRETE
JOLSHIRI, RUPGANJ, NARAYANGANJ

(A Project of Sena Kalyan Sangstha)
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TENDER NOTICE FOR SUPPLY OF 03 SET READYMIX CONCRETE CHASSIS WITH
ORIGINAL SINGLE CABIN AND MIXER TRUCK DRUM

Tech-Commercial offer is invited from Bonafide Manufacturer/Supplier/Indenter for the supply of 03 Set Ready-mix Concrete Chassis with original Single Cabin and Mixer Truck Drum from any reputed manufacturer of any origin/country to Sena Kalyan Ready Mix Concrete, Jolshiri, Rupganj, Narayanganj, Bangladesh. Interested Tenderers are to be dropped in the tender box kept in the office of Business Division-1, at the above address before **19/03/2025 by 11:00 hours BST** and will be opened on the same day at **11:30 hour BST** in the presence of Tenderers (if there are any). The tender schedule will be available in the **Business Division-1**, Sena Kalyan Sangstha, SKS TOWER (5th Floor), 7 VIP Road, Mohakhali, DHAKA-1206, upon submission of an application on letterhead pad and payment of **Tk 5,000/-** (Non-refundable) during office hours. Sena Kalyan Sangstha reserves the right to accept or reject any or all tenders without assigning any reason whatsoever. Bidders are requested to submit earnest money and fill up Part-4 & Part-5; otherwise, the tender offer may be rejected. The L/C will not be opened until the Performance Guarantee (PG) is submitted. Attached: Technical specification-03 Pages. The suppliers should submit the hard copy of Technical Offer & Financial Offer separately in sealed in one envelope with duplicate same copy in other envelop to General Manager, Business Division-1, SKS Tower, Mohakhali, Dhaka.

GM

Business Division-1
Sena Kalyan Sangstha

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PART-5

TECHNICAL SPECIFICATION AS FOLLOWS:

Summary Sheet of Plant & Machineries Required For Jalshiri Project

Item: Ready-mix Concrete Chassis with original SINGLE CABIN and Mixer Truck Drum	Qt	Bran	Mode	Count of	Country of Manufacture & port of Shipment	Technical Specifications (to be submitted as follows by the bidder)	Time for manufacture and shipment upto port of Bangladesh (in days (ETA at Project SKRMC separately)	Remarks
Principle Name & address: By Bidders Local Agent Name & address: By Bidders	03 set	By Bidders	By Bidders	By Bidders	By Bidders	By Bidders	By Bidders	Bidder's Offer: To be mentioned

TECHNICAL SPECIFICATION OF READYMIX CONCRETE CHASSIS WITH ORIGINAL SINGLE CABIN, CAPACITY -7 CUM

Sl.	Description	Required Specification Parameters	Suppliers offer
1	Nomenclature	RMC Truck Rolling Chassis	
2	Vehicle:		
	Brand:	To be mentioned	
	Model:	2518 RMC Or Equivalent	
3	Year of Manufacturer	Not before the Year of contract	
4	Type of Drive	Floating twin axel Final drive	
5	Country of Origin , Manufacturer and Assembly	To be Mentioned	
6	Weight :		
	a. Cab chassis (Rolling Chassis)	a. Minimum 6500 Kg	
	b. GVW (Maximum)	b. 25,000 kg	
	c. Payload (Drum &Accessories RMC)	c. To be Mentioned	
7	Engine:		
	a. Brand & Model	a. To be Mentioned	
	b. Country of Origin , Manufacturer and Assembly	b. To be Mentioned	
	c. Type	c. 6 Cylinder Engine With Turbocharger and Intercooler	
	d. Year of manufacturer	d. Not before the Year of contract	
	e. HP at Rated rpm	e. Minimum 180 HP@ 2400-2500 rpm	
	f. Torque at Rated rpm	f. Minimum 670 Nm @ 1300-1600 Rpm	
	g. Power Weight Ratio	g. To be Mentioned	
	h. Displacement	h. 5750 cc-5900cc	
	i. Cooling	i. Water Cooled	
8	Transmission:		
	a. Type of Transmission	a. Manual	
	b. Country of Origin , Manufacturer and Assembly	b. To be Mentioned	
	c. Year of Manufacturer	c. Not before the Year of contract	
	d. Clutch	d. Single Plate Dry type with axial spring clutch booster.	
	e. Gear Box (Make and Model)	e. To be Mentioned	
	f. Transfer Case /Final Drive	f. To be mentioned	
g. No of Gear (Forward and Reverse)	g. To be Mentioned		
9	Vehicle Speed (at High Way)	To be Mentioned	
10	Vehicle Speed (at x-country)	To be Mentioned	
11	Grade ability	Minimum 25%	
12	Steering System	Hydraulic Assisted Power Steering	
13	Suspension :		
	a. Front	a. Semi Electric Multi Leaf Spring	
	b. Rear	b. Semi Electric Multi Leaf Spring	

	c. Tire (No ,Type, Spare Tire, Size)	c. To be Mentioned	
14	Brake System:		
	a. Service Break	a. Full air dual line S-Cam brake	
	b. Parking Break	b. Spring Actuated, pneumatic	
	c. Exhaust/Trailer Brake	c. Available	
15	Turning Radius	Maximum 16500 mm	
16	Fuel Tank Capacity	Minimum 250 Ltr, Maximum 300 Ltr	
17	Chassis (Related Dimension , Ground Clearance, Wheel Base etc)	To be Mentioned	
18	Electric System:		
	a. System Volt	a. 24 V	
	b. Alternator	b. 24 V, Minimum 45 Amps	
	c. Battery (No ,Volt And AH)	c. To be Mentioned	
19	Other Features	To be Mentioned	
20	Accessories:		
	a. Tool Box	a. Available	
	b. Spare Wheel	b. Available	
	c. Jack-up Facilities	c. Available(10 ton)	
	d. Driver, Co-Driver- Seat	d. Available	
	e. Fog Lamp	e. Available	
	f. Inspection Lamp	f. Available	
	g. Fire Extinguisher and First Aid Box	g. Available (All Type)	
	h. Beacon Light	h. Available	
	i. Traffic Safety Stores	i. Available	
21	Operation and Maintenance Manual	To be Provided	
22	Cabin	Single Cabin	

TECHNICAL SPECIFICATION - MIXER TRUCK DRUM


SI .	Description	Unit	Required Specifications & Parameters	Suppliers offer
1	Nomenclature		7 Cubic meter (cbm) mixture drum	
2	Country of Origin		To be mentioned	
3	Country of Manufacturing		To be mentioned	
4	Engine (Made In)		To be mentioned	
5	Model		To be mentioned	
6	Nominal Fill	cbm	7	
7	Waterline	"	7.96 to 8.25	
08	Geometric Volume	"	12.70 to 12.75	
09	Filling Ratio	%	To be mentioned	
10	Drum Speed	rpm	0-14	
11	Max Drum Diameter	mm	2260 to 2300	
12	Shell Thickness (Discharge/Middle/ Bottom)	mm	To be mentioned	
13	Drum Metallurgy		ASTM A572 Grade 50 or equivalent	
14	Installation Angle	degree	13 to 14	
15	Water Tank Capacity	Liter	450 to 500	
16	Drive Unit	Kw/ rpm/	51.5 Kw, 2500 rpm, Air cooled or nearer	
17	Rotational Direction (Loading)		Anti-Clock wise	
18	Rotational Direction (Discharging)		Clock wise	
19	Hydraulic Accessories & hoses		To be mentioned	
20	Drum Roller Bearing		To be mentioned	
21	Mixer Frame		To be mentioned	
22	Weight of the mixer		To be mentioned	
23	Length of the mixer		To be mentioned	
24	Safety Features		Seat belts, Fire Extinguisher, Reverse Camera, Emergency Stop Button	
25	Other Features		To be Mentioned	

Others info needed to submit:

Items name	Info	Bidder's offer
Certificate (Authorisation etc.)	To be mentioned	
Offer Validity	90 days	
10 yrs support of spare parts	To be mentioned	

Inspection & Test	Third party SGS/Bureau Veritas,etc	
Experience (similar)	To be mentioned	
Port of shipping	To be mentioned	
Latest Shipment Date	To be mentioned	
Arrival date at SKRMC, Jolshiri, Rupganj, Narayanganj	To be mentioned	
Performance Guarantee	10% (Ten percent) of the total CFR / price value	

Note : Quoted price to include the cost of Accessories, supply, Commissioning, Successful Test run and everything of complete offer (Turnkey basis).


Maj. Md. Abdur Razzaque Engr. (Retd)
Deputy General Manager
Sena Kalyan Ready Mix Concrete