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भारत सरकार — रेल मंत्रालय अनुसंधान अभिकल्प और मानक संगठन लखनऊ — 226011

Government of India - Ministry of Railways Research, Designs & Standards Organization, LUCKNOW – 226011

EL/3.2.19/7

Date -16.10.2017

- 1. M/s Faiveley Transport Rail Technologies India Limited, Satyajit Tower, 2nd floor, Commercial Building No-51, Radhanath Choudhury Road, Kolkata-700 015.
- 2. M/s Elbe Industrial Works, 12/2, Kumar Para lane, Howrah-711101
- 3. M/s Makali Industries, 74/75B, Narasingha Dutta Road, Howrah-711 101.
- 4. M/s Recon Engineering Co.(Pvt.) Limited, 6 G,"MARUTI", 12,Dr.U.N.Brahmachari (LOUDON) Street, Kolkata-700017.
- 5. M/s S.K. Engineering Enterprise, 86/6, Dasrath Ghosh Lane Bamungachi, Salkia, Howrah-6,
- 6. M/s Haradhana & Co. 14/4/2, Natabar Paul Road, Kadamtala, Howrah-711 101,

<u>Sub:</u> Non-availability of spares of brake equipment from M/s Stone India Ltd.

Ref: RDSO's Letter of even no dated 05.10.2017.

Reference above, Railways have complained about the Non-availability of spares of brake equipment of M/s SIL due to its closer. In this connection a meeting was held at RDSO on development of sources for spares of brake equipment of M/s Stone India Ltd..

Minutes of meeting is attached herewith for your information and necessary action.

Yours faithfully

(Aseem Kumar)

Encl: As above.

for Director General/Electrical

Copy to: 1. Secretary (Electrical) ,Railway Board, Rail Bhavan, New Delhi-110 001 (Kind Attn: Sh. A K Goswami, DEE/RS/Railway board)

- 2. All Principal Chief Electrical Engineers: Zonal Railways/CLW/DLW
- 3. ED/Motive Power Directorate RDSO.

(Aseem Kumar)

for Director General/Electrical

Encl: As above.

Minutes of Meeting on Non availability of spares of brake equipment from M/s Stone India Ltd on 13.10.2017 at RDSO

Member Present:

SN	Name (S/Shri)	Designation
RD	SO	in a serie de la companya de la comp
1	O.P. Kesari	EDSE/Co-ord.
2	Aseem Kumar	DSE/PS&SC
3	S. P. Govil	JD/MP/BK
4	V. K. Yadav	SSE/D/Elect.

SN	Name (S/Shri)	Decignation		
		Designation		
M/s. Faiveley				
1	R.Arunachalam	Manager Quality		
M/s. Recon				
1.	Milon Koner	Chief Manager		
10000019	parisonness a 2 a	Market		
		Development		
2.	Samar Karmakar	General Manager		
BD-140/10	O has confer as	(Operations)		
M/s. ELBE				
1.	Arun Kr. Roy	Manager Marketing		
2.	Tapan	Manager(technical)		
Qotevab	Chakraborty			
M/s. Ma Kali				
1.	S.K. Ghose	Partner		
M/s. S K Engineering				
1.	Swarup Kr. Ghose	Partner		
M/s. Haradhana & Co.				
1.	Nemai Mitra			
2.	Nabin Hazra	Partner		

Problem of non-availability of brake system & its spares is being faced by Railways. In this connection a meeting has been convened for developing the likely sources for spares of brake equipment supplied by M/s Stone India Ltd for electric locomotives. Discussion held is as follows:

1.0 A-9, SA-9 and C-2W relay valve, F-1 selector valve, MU-2B valve, 24A-Double check valve and N-1 reducing valve:

- 1.1 M/s. Faiveley stated that M/s. Faiveley and M/s. SIL valves are of same design. Both the firms are approved sources of RDSO. Railways may procure all the valves from M/s. Faiveley till the development of other sources.
- 1.2 M/s. Recon stated that they have already supplied some of these valves in the past to Indian Railways and they have got purchase order from Railways for C-2W relay valve, F-1 selector valve, SA-9 valve etc. recently. For N-1 reducing valve firm is already approved and regular supplier. M/s. Recon is

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- requested to develop one unit of these valves and to provide it in ELS/Howrah based locomotive for trial of 4 months on free of cost basis.
- 1.3 M/s. Ma Kali stated that they have also supplied some of these valves to Indian Railway in the past and Other Private locomotive companies. M/s. Ma Kali is requested to develop one unit of these valves and to provide it in ELS/SRC based locomotive for trial of 4 months on free of cost basis.
- 1.4 M/s. ELBE stated that they have also supplied some of these valves to BHEL in the past. M/s. ELBE is requested to develop one unit of these valves and to provide it in ELS/TATA based locomotive for trial of 4 months on free of cost basis.
- 1.5 M/s. S K Engineering stated that they have supplied some valves to Central Railway in the past. M/s. S K Engineering is requested to develop one unit of these valves and to provide it on ELS/KYN based locomotive for trial of 4 months on free of cost basis.
- 1.6 M/s. Haradhan & Company stated that they do not have design and but they will try to design and develop these valve.
- 2.0 Tri-plate Panel/Panel Mounted Brake Equipments: M/s. Faiveley stated that their spares of tri plate panel are interchangeable with M/s. SIL, except two valves i.e. R-6 & FD-1 feed valve and panel reservoir, for which M/s. Faiveley is requested to develop these items which are specific to M/s. SIL. All other firms are also requested to develop and provide one tri plate panel on free of cost basis for trial purpose.
- **3.0** All these valve are to be put for trial on shunting locos or less important goods locos after ensuring successful operations on test benches and internal loco testing.

16/10/2017