

Tender No. DFC-DDU-EN-REHAB-LC-59

For

Rehabilitation and Strengthening of ROB-59 in state of Bihar under
CGM/DDU.

E-TENDER DOCUMENT

Financial Bid

(PACKET-B)

Feb-2024

Employer:

**DEDICATED FREIGHT CORRIDOR CORPORATION OF
INDIA LIMITED (A GOVERNMENT OF INDIA ENTERPRISE)
Under MINISTRY OF RAILWAYS**

CGM OFFICE

Chief General Manager, DFCCIL

Manas Nagar Railway Colony,
Pt Deen Dayal Upadhyay Nagar (Mughalsarai)
Chandauli -232101, Uttar Pradesh, India

CORPORATE OFFICE

DFCCIL, 5TH Floor, Pragati Maidan Metro Station
Building, New Delhi-110001

Abstract Details of Schedules:

S No.	Schedule	Description	Amount
1	Schedule-A	Material (NS Item)	66,12,151/-
2	Schedule-B	Fabrication & Cost of Staging (NS Item)	91,73,191/-
3	Schedule-C	Cost Detail for RCC, Re-Baring & Grouting(NS Item)	84,46,080/-
4	Schedule-D	Machinery, Labour Cost With Consumable(NS Item)	61,77,500/-
Total			30408923.00

Schedule-A					
Main Material Cost for Rehabilitation of BSG of ROB LC-59 Bihar					
Si. Nos	Item	Unit	Qty.	Rate (Inclusive GST)	Amount
1	Providing & Fixing of Gusset Plate for Rehabilitation-Supplying, fabrication, assembling of all types of steel girders of specified spans with structural steel conforming to Quality "B0" Grade Designation E250 conforming to IS:2062, erection of rehabilitating members with cranes or any other approved methods as per site conditions (not requiring traffic block) complete as per approved Rehabilitation Methods and drawings conforming to IRS-B1-2001 and other relevant codes and specifications.	MT	36.11	169213.00	6110281.00
2	Supply and fixing of Hand Rail (as per Weight)	MT	2.96	169213.00	500870.00
Total(A)					6611151.00
Schedule-B					
Fabrication Cost of Staging Material for Rehabilitation of BSG of ROB LC-59 Bihar					
Si. Nos	Item	Unit	Qty.	Rate (Inclusive GST)	Amount
1	Supply fixing and erection of BOTTOM PLATE-36MMX2000X2000structural steel conforming to Quality "B0" Grade Designation E250 conforming to IS:2062, erection of rehabilitating members with cranes or any other approved methods as per site conditions (not requiring traffic block) complete as per approved Rehabilitation Methods and drawings conforming to IRS-B1-2001 and other relevant codes and specifications.	MT	6.78	169213.00	1147264.00

2	Supply fixing and erection of CC CRIBS of size - 600MMX600MMX1800MM	MT	42.79	169213.00	7240624.00
3	Supply fixing and erection of CC CRIBS Arrangement over CC Cribs to Bottom Chord of BOWG	MT	4.57	169213.00	773303.00
4	Supply & fixing of WOODEN BLOCK of Size 150X150X835.The wooden block shall be durable and well-seasoned	Nos	6.00	2000.00	12000.00

Total(B) **9173191.00**

Schedule-C
Cost Detail for RCC, Re-Baring & Grouting Work for Rehabilitation of BSG of ROB LC-59 Bihar

Si. Nos	Item	Unit	Qty.	Rate (Inclusive GST)	Amount
1	Demolishing of R.C.C. work - Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction. This also include disposal of dismantled materials up to a lead of 1 kilometer, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	Per Hanger	14.00	29550.00	413700.00
2	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete Deck Slab Reinforcement with Drilling.	MT	0.58	112100.00	65018.00
3	Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixture. Epoxy Grout in Cut Area	Kg	5508.00	1416.00	7799328.00

4	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/ Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. PCC(M15) of Foundation Pad-2300x2300x300</p>	Cum	3.75	8295.00	31106.00
5	<p>Providing and laying in position machine batched, machine mixed and machine vibrated Design Mix Cement Concrete of specified grade (Cast in-Situ) using 20mm graded crushed stone aggregate and coarse sand of approved quality in RCC raft foundation. Concrete(M35) of Foundation Pad-2300x2300x300</p>	Cum	9.52	11484.00	109328.00

6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Reinforcement of Foundation Pad 2300x2300x300	Kg	300.00	92.00	27600.00
				Total(C)	8446080.00

Schedule-D					
Machinery, Labour Cost With Consumable for Rehabilitation of BSG of ROB					
LC-59 Bihar					
Si. Nos	Item	Unit	Qty.	Rate (Inclusive GST)	Amount
1	For Lifting & Handling of Complete BOW String Girder including Weight of Deck Slab, Wearing Coat, RCC Crash Barrier & Railing Etc. Proper lifting accessories for BOW string Girder manufactured in controlled factory environment with approved methodology.	MT	875	7060.00	6177500.00
Total(D)					6600888.00