

NAGPUR METRO RAIL PROJECT**BID DOCUMENTS
FOR**

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING, COMMISSIONING OF MACHINERY AND PLANT FOR 02 (TWO) NUMBERS OF ROLLING STOCK DEPOTS AT MIHAN AND HINGNA OF NAGPUR METRO RAIL PROJECT AND TRAINING OF PERSONNEL.

**TENDER NO.
N1M & P-1/2016**

**PART 1: BIDDING PROCEDURE
SECTION IV: BIDDING FORMS**

ANNEXURE IV-B: PRICING DOCUMENT

- Bid Total and Apportionment of Lump Sum Price among Cost Centres
- Details of Taxes/Duties/Levies etc. included in the Fixed Lump sum Price (COST CENTRE WISE)
- Annexure-1 –Cost Centres
- Annexure-2- Milestones Payment Schedule
- Annexure-3- Not used.
- Annexure-4- Pricing for unqualified withdrawal of conditions.



NAGPUR METRO RAIL CORPORATION LIMITED (NMRCL)
"Metro House", 28/2 CK Naidu Marg, Anand Nagar,
Civil Lines, NAGPUR, MAHARASHTRA-440001
Ph. 0712-2554217
Website: <http://www.metrorailnagpur.com>

BID TOTAL

[To be Completed and Submitted by the Bidder as part of 'Schedules' under Section IV: Bidding Forms]

The fixed Lump Sum Price of this Contract for **DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING, COMMISSIONING OF MACHINERY AND PLANT FOR 02 (TWO) NUMBERS OF ROLLING STOCK DEPOTS AT MIHAN AND HINGNA OF NAGPUR METRO RAIL PROJECT AND TRAINING OF PERSONNEL.**

Is :-

Rupees _____ (in words) and
(In Foreign Currency(ies)): _____ (in words)

Apportionment of Lump Sum Price among Cost Centres

Sr. No.	Description.	Total Apportioned amounts of cost centre items	
		Foreign Currency(COL A)	Indian rupees(INR) (COL B)
A.	SUPPLY OF MACHINERY & PLANTS		
B.	SUPPLY OF MANDATORY SPARES		
C.	SUPPLY OF RECOMMENDED SPARES		
D.	TURNKEY CIVIL FOUNDATION WORK		
E.	INSTALLATION, TESTING & COMMISSIONING		
F.	TRAINING OF PERSONNEL.		
G.	MAINTENANCE SERVICES DURING DLP (24 MONTHS)		
H.	OPERATION SERVICES FOR A PERIOD OF 24 MONTHS		
I.	COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (5 Yrs)		
	Tender Total		

Note :The fixed lump sump price includes taxes ,duties and levies etc.

SIGNATURE OF BIDDER

Appendix to Bid Total

DETAILS OF TAXES / DUTIES / LEVIES ETC. INCLUDED IN THE FIXED LUMP SUM PRICE (COST CENTRE WISE)

(Refer Para A.1 of Annexure IV-A 'Instructions for completing the Pricing Document')

Cost Centre	Taxes, Duties, Levies etc.														Total Amount of all Taxes / Duties / Levies / Cess (8) = Sum of (1) to (7)
	Custom Duty		Excise Duty		Sales tax / VAT		Works Contract Tax (WCT)		Service Tax		Octroi / Entry Tax		Any other Tax / Levy / Cess		
	(1)		(2)		(3)		(4)		(5)		(6)		(7)		
	Rate (%)	Amount	Rate (%)	Amount	Rate (%)	Amount	Rate (%)	Amount	Rate (%)	Amount	Rate (%)	Amount	Rate (%)	Amount	
A															
B															
C															
D															
E															
F															
G															
H															
I															
Total															

Notes:

The Bidder is required to give in its Bid offer breakdown of fixed lump sum price clearly giving the following:

- (a) Customs duty on offshore manufactured M&P, if any as well as subsystems / components / assemblies (that will become part of otherwise locally assembled / manufactured M&P) along with rate of Customs duty.
- (b) Excise duty (after availing CENVAT) on completely assembled / manufactured M&P, if any along with rate of Excise duty.
- (c) Customs duty on imported spares, forming part of Cost Centre-C&D along with rate of Customs duty.
- (d) Excise duties on spares, forming part of Cost centre- C&D along with rate of Excise duty.
- (e) VAT on the completely assembled / manufactured M&Ps.
- (f) VAT on the indigenous finished spares, forming part of Cost Centre-C&D along with rate of VAT.
- (g) Works Contract Tax (WCT) along with applicable rate.
- (h) Octroi / Entry Tax (if any) and
- (i) Other levies / Cess etc. as applicable
- (j) The amount mentioned other than INR for the purpose of comparison of the applicable taxes and levies, the exchange rate prevailing on the date 28 days before the latest date of submission of the Bid would be considered.

SIGNATURE OF BIDDER

NAGPUR METRO RAIL CORPORATION LIMITED**Annexure-1 COST CENTRES**

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING, COMMISSIONING OF MACHINERY AND PLANTS FOR 02 (TWO) NUMBERS OF ROLLING STOCK DEPOTS AT MIHAN AND HINGNA OF NAGPUR METRO RAIL PROJECT AND TRAINING OF PERSONNEL.

CONTRACT NO. N1M&P-1/2016

(To be submitted as part of 'Form 3. Schedules' under Section IV: Bidding Forms)

INDEX OF COST CENTRES

Sr.No	Description.
A.	SUPPLY OF MACHINERY & PLANTS
B.	SUPPLY OF MANDATORY SPARES
C.	SUPPLY OF RECOMMENDED SPARES
D.	TURNKEY CIVIL FOUNDATION WORK
E.	INSTALLATION, TESTING & COMMISSIONING
F.	TRAINING OF PERSONNEL.
G.	MAINTENANCE SERVICES DURING DLP (24 MONTHS)
H.	OPERATION SERVICES FOR A PERIOD OF 24 MONTHS
I.	COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (5 Yrs)

COST CENTRES**Cost Centre – A**

SUPPLY OF MACHINERY & PLANT for 2 Nos. of Rolling Stock Depots at Mihaan & Hingna in NMRCL Project at Nagpur, India.

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount		Weeks for completion of Milestones from Commencement date for MIHAN depot.	Weeks for completion of Milestones from Commencement date for Hingna depot.
				Foreign Currency [COL A]	Indian Rupees [COL B]		
1	Automatic Train Wash Plant	No.	2			24	50
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2			36	62
3	Under Floor Train Lifting System for 3 Car Unit	No.	2			36	62
4	Mobile Lifting Jacks for 3 Car Unit	No.	2			36	62
5	Bogie Testing machine	No.	2			24	50
6	Bogie Turntables (1 set = 4 Nos.)	No.	2			16	42
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1			36	
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability						
	A) 4 wheeler	No.	1			36	
	B) 8 wheeler	No.	1				62
9	Battery Operated Rail Cum Road Shunter	No.	2			24	50
10	Multifunction Work Stations with Elevated Tracks	No.	2			36	62
	TOTAL						

Total of Cost Center A to be carried forward to Bid Total.

Signature of Bidder

Cost Centre – B

SUPPLY OF MANDATORY SPARES of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihana & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount		Weeks for completion of Milestones from Commencement date for MIHAN depot.	Weeks for completion of Milestones from Commencement date for Hingna depot.
				Foreign Currency [COL A]	Indian Rupees [COL B]		
1	Automatic Train Wash Plant	No.	2			38	64
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2			50	76
3	Under Floor Train Lifting System for 3 Car Unit	No.	2			50	76
4	Mobile Lifting Jacks for 3 Car Unit	No.	2			50	76
5	Bogie Testing machine	No.	2			38	64
6	Bogie Turntables (1 set = 4 Nos.)	No.	2			30	56
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1			50	
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability						
	A) 4 wheeler	No.	1			50	
	B) 8 wheeler	No.	1				76

9	Battery Operated Rail Cum Road Shunter	No.	2			38	64
10	Multifunction Work Stations with Elevated Tracks	No.	2			50	76
	TOTAL						

Total of Cost Center B to be carried forward to Bid Total.

Remarks:-

See List of mandatory spares in Annexure B.

Note:-

Important note regarding evaluation of cost quoted under this Cost Centre:

Wherever Bidders do not quote for mandatory spares Listed in Annexure B exactly as per specified list in the Bidding Documents, following methodology for loading of prices for Mandatory List will be considered:

a. In Cases where the Bidder has quoted unit rates but the quoted quantity do not match with the specified quantity in the Bidding Documents; the Unit price quoted will be considered for calculating the procurement price of the quantities specified in the Bidding Documents and this calculated price will be considered for evaluation.

b. Cases where Bidder has mentioned unit rates as "Zero" or "0" or "-" or "NIL"
For all such items the prices shall be considered as 0 (zero) for evaluation
Also, during actual contract execution, such items, if any, will be considered as to be supplied free of cost to the Employer.

c. Cases where Bidder has either left unit rates blank or some items have been excluded from the specified list For all such items, the maximum prices quoted by any of the other responsive bidder for such item will be considered and added to the respective Milestone price quoted by the Bidder. This calculated price will be considered for evaluation However, during actual contract execution, such items, if any, will be considered as to be supplied free of cost to the Employer.

d. Cases where the Bidder has quoted for additional items (over and above the items specified in the Bidding Documents):Price of additional items quoted by the Bidder will not be considered for evaluation and such items will not form part of the contract.

Signature of Bidder

Annexure B
MANDATORY SPARES LIST

SN	Description	Part No.	Unit*	Qty	Unit Cost		Total Cost	
					FC	LC (INR)	FC	LC (INR)
B1	AUTOMATIC TRAIN WASH PLANT (ATWP)							
B1.1	Side Brushes with Fixing Rivet Assly. (6 Nos.)		Set	1				
B1.2	Spray Nozzles for all type of vertical brushes		Set	1				
B1.3	RO Membrane – 1 No.		Set	1				
B1.4	Set of Seals & Gaskets of Water Pump (2 Sets)		Set	1				
B1.5	All Filter Elements		Set	1				
B1.6	Special Tools if any for maintenance.		Set	1				
B2	CNC UNDER FLOOR WHEEL LATHE (UFWL)							
B2.1	Main Drive Rollers (4 Nos)		Set	1				
B2.2	Diameter Measuring Device Disc (4 Nos)		Set	1				
B2.3	Rotary Encoder (4 Nos)		Set	1				
B2.4	Special Tools if any for maintenance.		Set	1				
B3	UNDER FLOOR LIFTING SYSTEM (UFLS)							
B3.1	Bellows (Protection Boots) 2 Nos. of Each Type		Set	1				
B3.2	Hoist Motor – 1 No.		Set	1				
B3.3	Body Stand Motor – 1 No.		Set	1				
B3.4	Vertical Spindle with Nut – 1 No.		Set	1				
B3.5	Pre-Programmed PLC Module Cards (1 No. of Each		Set	1				
B4	MOBILE LIFTING JACKS (MLJ)							
B4.1	Bellows (Protection Boots) 2 Nos. of Each Type		Set	1				
B4.2	Geared Motor for Vertical Spindle – 1 No.		Set	1				
B4.3	Vertical Spindle with Nut – 1 No.		Set	1				
B4.4	Pre-Programmed PLC Module Cards (1 No. of Each Type)		Set	1				

SN	Description	Part No.	Unit*	Qty	Unit Cost		Total Cost	
					FC	LC (INR)	FC	LC (INR)
B5	BOGIE TESTING MACHINE (BTS)							
B5.1	Load Cells – 1 No. of each type		Set	1				
B5.2	Diameter Measuring Device – 1 Set		Set	1				
B5.3	PLC Modules – 1 No. of each type		Set	1				
B5.4	Encoders – 1 No. of each type		Set	1				

B6	BOGIE TURN TABLE								
B6.1	Rollers – 4 Nos.		Set	1					
B6.2	Bearings for Rollers – 4 Nos.		Set	1					
B6.3	Centre Pivot Bearing – 1 No.		Set	1					
B7	RAIL CUM ROAD RESCUE VEHICLE (RRV)								
B7.1	Spare Kit for Power Pack – 1 No.		Set	1					
B7.2	Spare Kit for Hand Pump – 1 No.		Set	1					
B7.3	Spare Kit for Control Desk – 1 No.		Set	1					
B7.4	Spare Kit for all Jacks – 1 No. Each		Set	1					
B8	INSTRUMENTED CATENARY MAINTENANCE VEHICLE								
B8.1	Measuring & Monitoring Sensors – 1 No. of Each Type for 4 wheeler		Set	1					
	Electronic Cards and PLC Modules – 1 No. of Each Type 4 wheeler		set	1					
B8.2	Measuring & Monitoring Sensors – 1 No. of Each Type for 8 wheeler		set	1					

	Electronic Cards and PLC Modules – 1 No. of Each Type 8 wheeler		Set	1						
B9	BATTERY OPERATED RAIL CUM ROAD SHUNTER									
B9.1	Tyres with Rim – 4 Nos.		Set	1						
B9.2	Battery for Remote – 1 No.		Set	1						
B9.3	Spare Shunter Battery – 1 No.		Set	1						
B9.4	Pre-Programmed PLC Inverter – 1 No.		Set	1						
B9.5	Battery Meter – 1 No.		Set	1						
B10	MULTI-FUNCTIONAL WORK STATION									
B10.1	Actuator for Movable Platform – 2 Nos		Set	1						
B10.2	Actuator for Movable Catenary – 2 Nos		Set	1						

Cost Centre – C

SUPPLY OF RECOMMENDED SPARES of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount		Weeks for completion of Milestones from Commencement date for MIHAN depot.	Weeks for completion of Milestones from Commencement date for Hingna depot.
				Foreign Currency [COL A]	Indian Rupees [COL B]		
1	Automatic Train Wash Plant	No.	2			40	66
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2			52	78
3	Under Floor Train Lifting System for 3 Car Unit	No.	2			52	78
4	Mobile Lifting Jacks for 3 Car Unit	No.	2			52	78
5	Bogie Testing machine	No.	2			40	66
6	Bogie Turntables (1 set = 4 Nos.)	No.	2			32	58
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1			52	
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability						
	A) 4 wheeler	No.	1			52	
	B) 8 wheeler	No.	1				78
9	Battery Operated Rail Cum Road Shunter	No.	2			40	66
10	Multifunction Work Stations with Elevated Tracks	No.	2			52	78
	TOTAL						

Total of Cost Center C to be carried forward to Bid Total.

Note:-

1. Contractor shall indicate the annual percentage that will be applicable for increase or decrease of the unit cost of each item / spare listed in Annexure C for procurement by Employer for a period of up to five years after the date of issue of the Performance Certificate.
2. Employer may exercise the option to procure individual Spares listed in Annexure C by the Bidder at any time within five years of the date of issue of Performance Certificate. Procurement Price in such case shall be calculated by considering the percentage of increase / decrease per annum (with minimum duration as one month) as quoted by the Contractor in Annexure C Bidder shall certify that 'Annexure-C' in Technical Package is a "TRUE COPY" (with prices blanked off) of the said 'Annexure-C' in the Financial Package.
3. The list of spares (minimum) that will be stocked by the Contractor during DLP for Commissioning and DLP obligations shall be furnished separately under 'Cost Center-G'.

Signature of Bidder

Annexure C RECOMMENDED SPARES LIST

SN	Description	Part No.	Unit*	Qty	Unit Cost		Total Cost		Escalation pa (%)	
					FC	LC (INR)	FC	LC (INR)	FC	LC (INR)
C1	AUTOMATIC TRAIN WASH PLANT (ATWP)									
C1.1										
C1.2										
C1.3										
C2	CNC UNDER FLOOR WHEEL LATHE (UFWL)									
C2.1										
C2.2										
C2.3										
C3	UNDER FLOOR LIFTING SYSTEM (UFLS)									
C3.1										
C3.2										
C3.3										
C4	MOBILE LIFTING JACKS (MLJ)									
C4.1										
C4.2										
C4.3										

SN	Description	Part No.	Unit*	Qty	Unit Cost		Total Cost		Escalation pa (%)	
					FC	LC (INR)	FC	LC (INR)	FC	LC (INR)
C5	BOGIE TESTING MACHINE (BTS)									
C5.1										
C5.2										
C5.3										

C6	BOGIE TURN TABLE									
C6.1										
C6.2										
C6.3										
C7	RAIL CUM ROAD RESCUE VEHICLE (RRV)									
C7.1										
C7.2										
C7.3										
C8	INSTRUMENTED CATENARY MAINTENANCE VEHICLE(4 wheeler and 8 wheeler)									
C8.1										
C8.2										
C8.3										
C9	BATTERY OPERATED RAIL CUM ROAD SHUNTER									

C9.1										
C9.2										
C9.3										
C10	MULTI-FUNCTIONAL WORK STATION									
C10.1										
C10.2										

Cost Centre – D

TURNKEY CIVIL FOUNDATION WORKS of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount		Weeks for completion of Milestones from Commencement date for MIHAN depot.	Weeks for completion of Milestones from Commencement date for Hingna depot.
				Foreign Currency [COL A]	Indian Rupees [COL B]		
1	Automatic Train Wash Plant	No.	2			28	54
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2			40	66
3	Under Floor Train Lifting System for 3 Car Unit	No.	2			40	66
4	Mobile Lifting Jacks for 3 Car Unit	No.	2			40	66
5	Bogie Testing machine	No.	2			28	54
6	Bogie Turntables (1 set = 4 Nos.)	No.	2			20	46
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1			40	
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability						
	A) 4 wheeler	No.	1			40	
	B) 8 wheeler	No.	1				66
9	Battery Operated Rail Cum Road Shunter	No.	2			28	54
10	Multifunction Work Stations with Elevated Tracks	No.	2			40	66
	TOTAL						

Total of Cost Center D to be carried forward to Bid Total.

Signature of Bidder

Cost Centre – E

INSTALLATION, TESTING AND COMMISSIONING of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount		Weeks for completion of Milestones from Commencement date for MIHAN depot.	Weeks for completion of Milestones from Commencement date for Hingna depot.
				Foreign Currency [COL A]	Indian Rupees [COL B]		
1	Automatic Train Wash Plant	No.	2			32	58
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2			44	70
3	Under Floor Train Lifting System for 3 Car Unit	No.	2			44	70
4	Mobile Lifting Jacks for 3 Car Unit	No.	2			44	70
5	Bogie Testing machine	No.	2			32	58
6	Bogie Turntables (1 set = 4 Nos.)	No.	2			24	50
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1			44	
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability						
	A) 4 wheeler	No.	1			44	
	B) 8 wheeler	No.	1				70
9	Battery Operated Rail Cum Road Shunter	No.	2			32	58
10	Multifunction Work Stations with Elevated Tracks	No.	2			44	70
	TOTAL						

Total of Cost Center E to be carried forward to Bid Total.

Signature of Bidder

Cost Centre – F

TRAINING OF PERSONNEL of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India.

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount		Weeks for completion of Milestones from Commencement date for MIHAN depot.	Weeks for completion of Milestones from Commencement date for Hingna depot.
				Foreign Currency [COL A]	Indian Rupees [COL B]		
1	Automatic Train Wash Plant	No.	2			36	62
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2			48	74
3	Under Floor Train Lifting System for 3 Car Unit	No.	2			48	74
4	Mobile Lifting Jacks for 3 Car Unit	No.	2			48	74
5	Bogie Testing machine	No.	2			36	62
6	Bogie Turntables (1 set = 4 Nos.)	No.	2			28	54
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1			48	
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability						
	A) 4 wheeler	No.	1			48	
	B) 8 wheeler	No.	1				74
9	Battery Operated Rail Cum Road Shunter	No.	2			36	62
10	Multifunction Work Stations with Elevated Tracks	No.	2			48	74
	TOTAL						

Total of Cost Center F to be carried forward to Bid Total.

Signature of Bidder

Cost Centre – G

MAINTENANCE SERVICES DURING DLP of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Unit	Qty.	AppORTIONED Amount	
				Foreign Currency [COL A]	Indian Rupees [COL B]
1	Automatic Train Wash Plant	No.	2		
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2		
3	Under Floor Train Lifting System for 3 Car Unit	No.	2		
4	Mobile Lifting Jacks for 3 Car Unit	No.	2		
5	Bogie Testing machine	No.	2		
6	Bogie Turntables (1 set = 4 Nos.)	No.	2		
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1		
8	Self Propelled Catenary Maintenance Vehicle with Shunting Capability				
	A) 4 wheeler	No.	1		
	B) 8 wheeler	No.	1		
9	Battery Operated Rail Cum Road Shunter	No.	2		
10	Multifunction Work Stations with Elevated Tracks	No.	2		
TOTAL					

Total of Cost Center G to be carried forward to Bid Total.

Signature of Bidder

Cost Centre – H

OPERATIONS SERVICES FOR A PERIOD OF 24 MONTHS of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Qty.	Unit	Apportioned Amount	
				Foreign Currency [COL A]	Indian Rupees [COL B]
1	CNC Under Floor Wheel Lathe with Synchronised Shunting System	2	Nos.		
2	Under Floor Train Lifting System for 3 Car Unit	2	Nos.		
3	Mobile Lifting Jacks for 3 Car Unit	2	Nos.		
	TOTAL				

Total of Cost Center H to be carried forward to Bid Total.

Signature of Bidder

Cost Centre – I

COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (5 YEARS)of Machinery & Plants for 2 Nos. of Rolling Stock Depots at Mihan & Hingna in NMRCL Project at Nagpur, India .

Sr. No.	Description of Item	Unit	Qty.	Apportioned Amount	
				Foreign Currency [COL A]	Indian Rupees [COL B]
1	Automatic Train Wash Plant	No.	2		
2	CNC Under Floor Wheel Lathe with Synchronised Shunting System	No.	2		
3	Under Floor Train Lifting System for 3 Car Unit	No.	2		
4	Mobile Lifting Jacks for 3 Car Unit	No.	2		
5	Bogie Testing machine	No.	2		
6	Bogie Turntables (1 set = 4 Nos.)	No.	2		
7	Rescue Vehicle with Re-railing & Allied Equipment	No.	1		
8	Self Propelled Caternary Maintenance Vehicle with Shunting Capability				
	A) 4 wheeler	No.	1		
	B) 8 wheeler	No.	1		
9	Battery Operated Rail Cum Road Shunter	No.	2		
10	Multifunction Work Stations with Elevated Tracks	No.	2		
TOTAL					

Total of Cost Center I to be carried forward to Bid Total.

NOTES:-

- For AMC a separate contract will be finalized and contract agreement executed between NMRCL and Contractor keeping in view the accepted AMC rates etc. in this Bid before the expiry of Defect Liability Period and well within the expiry of Performance Bank Guarantee. The performance security for AMC contract shall be of 10% value of AMC cost as per Cost Centre I.
- The contract shall be comprehensive in nature wherein preventive as well as break down maintenance of above equipments to be covered under this contract including the arrangement of office set-up, spares, tools, consumables, technical expertise,

communication system and manpower. The scope of maintenance contract shall include: (a) Preventive maintenance of equipment as per maintenance schedule prescribed by the supplier and (b) Breakdown Maintenance. During AMC period, the RAM requirements and DLP obligations including penalty as provided in the Bidding Documents shall generally apply.

3. In case of failure of any of the equipment covered under maintenance contract, it shall be repaired or replaced within reasonable time not exceeding one week from the day of reporting by NMRCL.
4. Rates of AMC are to be quoted in Indian Rupees only and no Price Variation is permitted on AMC charges. It may be noted that only Service Tax is applicable on AMC charges.
5. Contractor shall submit detailed plan for comprehensive AMC at least 12 months prior to expiry of Defect Liability Period.
6. For the purpose of working out Cash flow only, the beginning of the AMC shall be considered as end of DLP.
7. Payment towards the AMC shall be released as per payment clause , by the Employer.
8. The Contractor shall handover the equipment under AMC including rotating spares in a working condition to the Employer after expiry of AMC period.

Signature of Bidder

Annexure II
Milestones Payment Schedule

Sr. No.	Payment Terms	Documents to be Submitted for Claiming Payment
1	20% Advance Payment of Supply Price REF: (Cost Center A, B & C) and for Civil Works (Cost Center D), against Advance Payment Bank Guarantee.	<ol style="list-style-type: none"> 1. Contractor's Original Invoice in Triplicate 2. Copy of Letter of Acknowledgement of PBG and APBG submitted to NMRCL
2	80% Payment of Supply Price, against Bill of Lading on FOB dispatch of M&Ps on Pro-Rata Basis. (REF: Cost Center A, B & C)	<ol style="list-style-type: none"> 1. Contractor's Original Invoice in Triplicate 2. Two Copies of Negotiable cum Original Bill of Lading 3. Copy of Cargo Insurance covered up to the end destination 4. Copy of Factory Acceptance Test Certificate issued by Inspecting Engineer 5. Certificate of Country of Origin issued by appropriate authority 6. Proof of dispatch as applicable.
3	80% Payment of Civil Works of M&Ps on Pro-Rata Basis will be made after completion of the civil work of each respective M&P. (REF: Cost Center D)	<ol style="list-style-type: none"> 1. Contractor's Original Invoice in Triplicate. 2. Copy of Letter of Certificate of Completion of the Works from Engineer
4	20% Payment of Supply Price of M&Ps on Pro-Rata Basis (for the respective M&Ps being supplied), will be made after completion of Installation, Testing and Commissioning of respective M&Ps. (REF: Cost Center A, B & C)	<ol style="list-style-type: none"> 1. Contractor's Original Invoice in Triplicate. 2. Copy of Letter of Certificate of Completion of Installation & Commissioning Work from Engineer
5	20% Payment of Civil Works of M&Ps on Pro-Rata Basis will be made after installation, testing & commissioning of each respective M&P. (REF: Cost Center D)	<ol style="list-style-type: none"> 3. Contractor's Original Invoice in Triplicate. 4. Copy of Letter of Certificate of Completion of the Works from Engineer
6	100% Payment towards Cost of Services for Installation, Testing & Commissioning of individual M&P on pro-rata basis. Refer to cost centre E.	<ol style="list-style-type: none"> 1. Contractor's Original Invoice in Triplicate. 2. Copy of Letter of Certificate of Completion of Installation & Commissioning Work from Engineer
7	100% Payment towards Cost of Services for Training of personnel. Refer to cost centre F.	<ol style="list-style-type: none"> 1. Contractor's Original Invoice in Triplicate. 2. Copy of Letter of Certificate of Completion of Work from Engineer.

8	Quarterly Payment towards DLP Maint. Services on pro-rata basis. (REF: Cost Center G)	<ol style="list-style-type: none">1. Contractor's Original Invoice in Triplicate.2. Copy of Joint Inspection Report certifying the Completion of Quarterly Work
9	Monthly Payment towards Operation of M&Ps on pro-rata basis. (REF: Cost Center H)	<ol style="list-style-type: none">1. Contractor's Original Invoice in Triplicate.2. Copy of Joint Inspection Report certifying the Completion of Monthly Work
10	Quarterly Payment towards CAMC of M&Ps on pro-rata basis. (REF: Cost Center I)	<ol style="list-style-type: none">1. Contractor's Original Invoice in Triplicate.2. Copy of Joint Inspection Report certifying the Completion of Quarterly Work

ANNEXURE 3
DELETED.

Annexure-4**PRICING OF UNQUALIFIED WITHDRAWAL OF CONDITIONS, QUALIFICATIONS, DEVIATIONS ETC. SUBMITTED IN PRESCRIBED FORMAT UNDER SECTION IV: BIDDING FORMS(FORM 4.12)**

Item	Condition, Qualification, Deviation etc.	Key date affected by each condition, qualification, deviation etc.	Increase or decrease for unqualified withdrawal of each conditions, qualification, deviation etc.			
			Foreign Currency	Indian Rupees	Cost Centre	Milestone No.
A	B	C	D	E	F	G

Notes:

1. In this Appendix, the Bidder shall indicate every key date that will be affected by each remark, comment, condition, qualification or deviation, etc. that has been specified in prescribed format under Section IV: Bidding Forms (Form 4.12) and prices for unqualified withdrawal of which has been quoted in this Annexure-4.
2. Prices for unqualified withdrawal of each remark, comment, condition, qualifications or deviation, etc. that has been specified in prescribed format under Section IV: Bidding Forms (Form 4.12) shall be quoted in this Annexure-4, clearly indicating the Cost Centre and Milestone No. to which it will be allocated. In case the Bidder does not indicate the Cost Centre and Milestone No., Employer will allocate the quoted price for withdrawal to the Milestone under Cost Centre A, which will be considered for amounts payable as per Milestone Payment Schedule. The 'Lump Sum Price' quoted by the Bidder in 'BID TOTAL' Page shall not include the Price for withdrawal of remark, comment, condition, qualifications or deviation etc quoted in this 'Annexure-4'
3. In case price for unqualified withdrawal of any remark, comment, condition, qualification or deviation etc. indicated in prescribed format under Section IV: Bidding Forms (Form 4.12) is not quoted in Annexure-4, it shall be considered that the remark, comment, condition, qualification or deviation is unconditionally withdrawn without any financial implication. However, Employer at its sole discretion and option may assess the financial implication of the said remark, comment, condition, qualification or deviation etc. based on best engineering principles and concepts, which shall be binding on the Bidder, and the same may be considered by Employer for financial evaluation.
4. It is certified that 'Annexure-4' annexed in Technical Package is a "TRUE COPY" (with prices blanked off) of said 'Annexure-4' in the Financial Package. In the TRUE COPY to be submitted in the Technical Package, the Bidder should clearly indicate in Columns D and E "Priced" or "Not Priced" while blanking off the prices.

SIGNATURE OF BIDDER