

BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)
P.O. BHEL Jhansi 284120

LOCOMOTIVE MANUFACTURING DEPARTMENT

Notice Inviting Tender (NIT)
For

Works contract for Painting and other Miscellaneous Work of DESL at
LMM shop, BHEL Jhansi

Tender Enquiry No.
LMM/TW/23-24/001

Tender due date: 25/07/2023 13:15 hrs.

Tender Opening date: 25/07/2023 14:00 hrs.

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India undertaking)

LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120

TENDER ENQUIRY NO: LMM/TW/23-24/001

DATE: 15.07.2023

DETAILS OF TENDER DOCUMENT

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Painting and other miscellaneous Work of DESL at LMM shop, BHEL Jhansi:

1. BHEL Jhansi is in the process of finalizing the Works Contract for “Works contract for Painting, bogie welding and other miscellaneous Work of DESL at LMM shop, BHEL Jhansi”
2. The tender document has been detailed as follows:

- a) Notice Inviting Tender (Annexure A)
- b) Work Specifications (Annexure B)
- c) Qualifying Requirements (Annexure C)
- d) Documents required (Annexure C1).
- e) General Terms & conditions
- f) Forms & Formats (Annexure I, II, III & IV)
- g) Self-declaration (Annexure V)
- h) Contract Agreement (Annexure VI)
- i) Indemnity Bond (Annexure VII)
- j) Checklists of documents for enquiry (Annexure VIII)
- k) Performa of Bank guarantee (Annexure IX)
- l) Price Bid (Annexure JS 146)
- m) Blank Price bid Format JS 472 attached

The duly filled in Technical and Price / Rate bids (Annexure C and JS -146, separately) along with General Terms and Conditions and all other attachments with the signature of the tenderer on all the pages and complete in all respects super scribed as “Quotation for Tender No LMM/TW/23-24/001 dated **15.07.2023**” should reach us in a sealed cover on or before **25.07.2023**(13.15 hours) through Registered / Speed post or the same may be dropped in the tender box available at the following address:

Tender Box
Security Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284 120

Note: (i) Incomplete offers are liable for rejection.

(ii) Technical bid and price bid should be submitted in separate sealed envelopes. In case the bids are found in one single envelope then the “bids” are liable to be rejected.

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LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120

TENDER ENQUIRY NO: LMM/TW/23-24/001

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TENDER DOCUMENT FOR

**Works contract for Painting, Bogie Welding and other miscellaneous
Work of DESL at LMM shop, BHEL Jhansi**

The tender document has been detailed as follows:

SN	Description	Annexure No.	Page No.	No. of Pages
01.	Notice Inviting Tender	A	1-5	21
02.	Work Specification, Measurement of work	B	6-8	
03.	Detailed Work Scope with Its BBU	G	9-13	
04.	Delivery Period and LD clause		14	
05.	Qualifying Requirements	C	16-18	
06.	Documents Required	C-1	18	
07.	Splitting of the contract		19	
08.	Performa for submitting Technical Bid	D	20-21	
09.	Self-Declaration	E	22	1
10.	General Terms & conditions of enquiry (JHS 2055C R02)	Copy Enclosed	23	14
11.	Price Bid Sheet (JS-472)	F	24	1
12.	Clubbed Annexures (I to X) Forms	I to X	25	15
13.	Certificate by CA for MSME	XI	26	1
14.	Declaration regarding elimination cartel formation	XII	27	1
15.	SOP for implementation of risk and cost option for non-performing		28	10
	TOTAL			64

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**BHARAT HEAVY ELECTRICALS LIMITED****(A Govt. of India undertaking)****LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120****TENDER ENQUIRY NO: LMM/TW/23-24/001****DATE: 15.07.2023****Annexure – 'A'****NOTICE INVITING TENDER**

1	Scope of Work	Works contract for Complete Painting and other Miscellaneous Work of: <ul style="list-style-type: none">• 8 nos. 1400 HP DESL,• 6 nos. 700 HP Dual Cab DESL• 1 no. 350 HP DESL• Spares and Wheel Axle Sets at LMM shop, BHEL Jhansi
2	Tender evaluation criteria	As per qualifying requirements (see annexure C attached)
3	Validity of Contract	12 Months from the date of award of work order
4	Date and Time of Receipt of Tenders	Up to 13:15 hrs. on 25.07.2023
5	Date and Time of Opening of Technical bids	14:00 hrs. on 25.07.2023
6	Address for submitting the Tender	Tender Box, Security Control Room/Office, Administrative Building, Bharat Heavy Electricals Limited, Jhansi-284120
7	Earnest Money Deposit (EMD)	Rs. 21,253/- (Rupees Twenty-One Thousand Two Hundred Fifty-Three Only)
7(a)	The EMD may be accepted only in the following forms: (i) Electronic Fund Transfer credited in BHEL account (before tender opening) <i>BHEL account details: Bank Name: - SBI; A/c No. :- 10670828866 ; IFSC code:- SBIN0003807, A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED</i> (ii) Card swapping through POS machine at Cash section of BHEL Jhansi.)	
8(a)	In case of successful bidder, EMD will be converted and adjusted against the security deposit.	
8(b)	EMD will be forfeited in following cases	
(i)	After opening the tender, the bidder revokes his tender within the validity period or increases his quoted rate.	

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(ii)	The bidder does not commence the work within the stipulated period as per LOI/ Contract. In case the LOI/contract is silent in this regard, then within 15 days after award of contract.	
(iii)	For MSME bidders submission of EMD and tender cost will be applicable as per MSME act.	
8(c)	EMD given by all unsuccessful tenderers shall be refunded normally within 15 days of acceptance of award of work by successful tenderer.	
8(d)	EMD shall not carry any interest.	
9	Validity of Offer	90 days from the date of opening of Technical Bid (Part-I)
10	Security Deposit (SD)	As per General terms & conditions
11	GST	18 % of quoted rate.
12	Bonus Clause	Bonus Clause as per the 'Schedule G of VIII of GTC 'JHS 2055C Rev 02' is not applicable in this tender. However, contractor has to ensure statutory compliances w.r.t labour.
13	Reverse Auction	BHEL Shall be resorting to reverse auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in the reverse auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking
14	PF & ESI	Contractor has to submit PF and ESI registration certificate after issue of LOI and before award of Work Order to him.
15	Address for issue of Tender	AGM(LMM&LMP), Bharat Heavy Electricals Limited Jhansi, PIN-284120

Note: (i) The contractors may physically visit the work place before quoting their rates.
For relevant details please visit our website "www.bhel.com" &
www.eprocure.gov.in.

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**BHARAT HEAVY ELECTRICALS LIMITED****(A Govt. of India undertaking)****LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120****TENDER ENQUIRY NO: LMM/TW/23-24/001****DATE: 15.07.2023****Annexure B****WORK SPECIFICATION****1. SCOPE OF WORK OF THE CONTRACTOR SHALL BE AS FOLLOWING:**

S.No.	Module	Description of Work	UOM	Qty
1	A	Complete Painting work of 1400 HP DESL as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-A	nos.	8
2	B	Complete Painting work of 700 HP DESL Dual Cab as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-B	nos.	6
3	C	Complete Painting work of 350 HP DESL as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-C	nos.	1
4	D	Spare wheel axle set work for WAG-5 Bogie Assy Shop as per Module-D	Set	33
5	E	Spare wheel axle set work for DESL Bogie Assy Shop as per Module-E	Set	10
6	F	Other spares handing over to CDC as per monthly plan Module-F	Set	1

a. The details of work involved is given in Annex-G

b. The Contractor shall be responsible for complying with all the applicable statutory acts & laws. The Contractor has to depute at least one supervisor to organize and supervise the work being done by his employees in each of the 1st, 2nd and 3rd shift (if needed)

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- c. The work shall conform to dimensions and tolerances given in various drawings and documents that will be provided during assembly. If any portion of works is found to be defective in workmanship and not conforming to drawings / documents, the contractor shall dismantle and re-do the work duly replacing the defective materials at their own cost, failing which recoveries, as determined by BHEL, shall be deducted from contractor's bills.
- d. The above work shall be normally done in 1st and 2nd shift mandatorily. Work shall also be done in 3rd shift and on Sundays/Holidays as and when required.
- e. Welding machine /electrode, Paint gun, Grinder, buffing wheel, EOT cranes, Compressed air and other special tools and Fixtures shall be provided by BHEL free of cost. PPEs shall be provided by contractor.
- f. Maintaining proper documentation of all the activities undertaken by the Contractor as per the proforma mutually agreed with BHEL, Submission of daily/monthly progress reports and any such document as and when desired by BHEL/owner.
- g. BHEL, Jhansi is certified for ISO 9001-2015. Quality of work to customer's satisfaction and fulfilment of system requirements are the essence of ISO 9001 certification. BHEL, Jhansi has HSE certification (ISO 14001 & OHSAS 18001) and therefore Contractor also shall organize/ plan/ perform all their activities to meet with the applicable requirements of these standards.

2. MEASUREMENT OF WORK & PAYMENT:

- i. Painting work shall be measured in terms of set (nos.). Payment will be made to contractor as per the billing break up (given below) basis towards completion of painting work and Miscellaneous work as defined in Modules (A, B, C, D, E, F) at LMM shop and getting the jobs cleared by QC (BHEL)/Customer as per BHEL Quality Plan".

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**BHARAT HEAVY ELECTRICALS LIMITED****(A Govt. of India undertaking)****LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120****TENDER ENQUIRY NO: LMM/TW/23-24/001****DATE: 15.07.2023**

S.No.	Module	Description of Work	UOM	Qty	% Payment
1	A	Complete Painting work of 1400 HP DESL as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-A	nos.	8	57.46
2	B	Complete Painting work of 700 HP DESL Dual Cab as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-B	nos.	6	36.82
3	C	Complete Painting work of 350 HP DESL as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-C	nos.	1	3.88
4	D	Spare wheel axle set work for WAG-5 Bogie Assy Shop as per Module-D	Set	33	0.79
5	E	Spare wheel axle set work for DESL Bogie Assy Shop as per Module-E	Set	10	0.16
6	F	Other spares handing over to CDC as per monthly plan Module-F	Set	1	0.9
TOTAL					100

Detailed Activities of each modules are given in Annexure -G-----
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TENDER ENQUIRY NO: LMM/TW/23-24/001

DATE: 15.07.2023

Annexure-G

Detailed scope of work in each Module with its Billing Breakup is given below:

Module-A					
8 X 1400 HP DESL Work (57.46 % of Total Contract Value)					
S.No.	Description	UOM	Qty	% per Job	Total %
(A)	(B)	(C)	(D)	(E)	(F)= (E)X(D)
1	Complete Painting of Loco underframe both side, Bogies and its parts, Brake rigging, Pneumatic Console Driver desks, Super structure with stripes.	Nos.	8	4.05	32.38
2	Unpacking of items, housekeeping of shop as per 5 'S', Keeping of items at assigned location and racks, cleaning of racks and machines in loco assy shop as per BHEL directives. Letter writing and border marking at shop floor for identification of material and space as per BHEL directives in loco assy shop. (Considering 2 persons for 3 hrs daily)	Nos.	8	0.60	4.80
3	Assistance for crane operation (1 slinger and 1 Helper for 2 hrs Daily).	Nos.	8	0.40	3.20
4	Buffing of Engine and Alternator mounting pads and shims.	Nos.	8	0.02	0.19
5	Dressing of all welding and cutting area (Hood, Hand rail, chequered plate, rail guard, fuel tank, Cab, walkway, Toe Guard, control cabinet)	Nos.	8	0.32	2.56
6	Cleaning of Loco underframe, superstructure, chequered plates (dressing residual)	Nos.	8	0.24	1.92
7	Battery handling from charging room to shop, cleaning and acid/water filling.	Nos.	8	0.04	0.32
8	Coolant, water, Engine oil, Hydraulic oil and fuel filling and Shunting of Loco for S-Curve and Khajraha run.	Nos.	8	0.03	0.26
9	Inner panelling in cabin (incl. glass wool filling) and Partition panel fixing work.	Nos.	8	0.48	3.84
10	Both Side windows and cabin Glass fixing in cabin	Nos.	8	0.16	1.28
11	Preparation work of wheel axle set & complete bogie items like Wheel, Gear, Axle box assembly, Suspension Tube assembly, Gear case, TM motor, Gear wheel, brake rigging items etc. (Unpacking of Items, removal of Anti Rust agent, Oil, Grease, deburring, Removal of rusting Etc.)	Nos.	8	0.40	3.20

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12	Material handling, Lifter, assistance in Crane Operation (Helper & slinger) & wheel pressing, Daily Machine Cleaning & Chips removal, Housekeeping & 5S activities Letter writing and border marking at shop floor for identification of material and space as per BHEL directives in Bogie shop.	Nos.	8	0.44	3.52
				Total	57.46

NOTE: 90% of amount may be claimed after handing over the loco to Testing and 10% of amount after Final Dispatch

Module-B					
6 X 700 HP DESL Dual Cab Work (36.82% of Total Contract Value)					
S.No.	Description	UOM	Qty	% per Job	Total %
(A)	(B)	(C)	(D)	(E)	(F)= (E)X(D)
1	Complete Painting of Loco underframe both side, Bogies and its parts, Brake rigging, Pneumatic Console Driver desks, Super structure with stripes.	Nos.	6	3.24	19.43
2	Unpacking of items, housekeeping of shop as per 5 'S', Keeping of items at assigned location and racks, cleaning of racks and machines in loco assy shop as per BHEL directives. Letter writing and border marking at shop floor for identification of material and space as per BHEL directives in Loco Assy Shop.	Nos.	6	0.24	1.44
3	Assistance for crane operation (1 slinger and 1 Helper for 2 hrs Daily).	Nos.	6	0.40	2.40
4	Buffing of Engine, Alternator mounting pads and shims.	Nos.	6	0.02	0.14
5	Dressing of all welding and cutting area (Hood, Hand rail, chequered plate, rail guard, fuel tank, Cab, walkway, Toe Guard, control cabinet)	Nos.	6	0.26	1.56
6	Cleaning of Loco underframe and superstructure (dressing residual)	Nos.	6	0.24	1.44
7	Battery handling from charging room to shop, cleaning and acid/water filling.	Nos.	6	0.04	0.24
8	Coolant, water, Engine oil, Hydraulic oil and fuel filling and Shunting of Loco for S-Curve and Khajraha run.	Nos.	6	0.03	0.19
9	Inner panelling in both cabin (incl. glass wool filling) and partition panel fixing work.	Nos.	6	0.96	5.76
10	Both Side windows and cabin Glass fixing in both cabin	Nos.	6	0.32	1.92

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11	Bricks filling/removal in underframe for Weighment of DESL loco,	Nos.	6	0.10	0.58
12	Preparation work for wheel axle assembly items like Wheel, Gear Wheel, Axle, axle box assembly & Gear Case (Removal of Anti Rust agent, Oil, Grease, Rusting, assistance in pressing operation Etc)	Nos.	6	0.06	0.38
13	Preparation work of bogie frame assembly (deburring, dressing etc.)	Nos.	6	0.03	0.19
14	Grinding & Dressing work of fitment items in bogie frame	Nos.	6	0.10	0.58
15	Unpacking of items, housekeeping of shop, daily machine cleaning & Chips removal, 5S activities etc. Letter writing and border marking at shop floor for identification of material and space as per BHEL directives in Bogie Shop	Nos.	6	0.10	0.58
				Total	36.82

NOTE: 90% of amount may be claimed after handing over the loco to Testing and 10% of amount after Final Dispatch

Module-C					
1 X 350 HP DESL Work (3.88% of Total Contract Value)					
S.No.	Description	UOM	Qty	% per Job	Total %
(A)	(B)	(C)	(D)	(E)	(F)= (E)X(D)
1	Complete Painting of Loco underframe both side, Bogies and its parts, Brake rigging, Pneumatic Console Driver desks, Super structure with stripes.	Nos.	1	2.43	2.43
2	Dressing of all welding area (Hood, Hand rail, chequered plate, rail guard, fuel tank, Cab and walkway.	Nos.	1	0.10	0.10
3	Cleaning of Loco underframe and superstructure (dressing residual)	Nos.	1	0.10	0.10
4	Inner panelling and partition panel work (incl. glass wool filling)	Nos.	1	0.48	0.48
5	Glass and Window fixing in cabin	Nos.	1	0.16	0.16
6	Bricks filling/removal in underframe for Weighment of DESL loco	Nos.	1	0.05	0.05
7	Buffing of Engine and TG mounting pads and shims.	Nos.	1	0.02	0.02
8	Battery handling from charging room to shop, cleaning and acid/water filling.	Nos.	1	0.04	0.04

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9	Preparation work for wheel axle assembly items like Wheel, Gear Wheel, Axle, axle box assembly & Gear Case (Removal of Anti Rust agent, Oil, Grease, Rusting, assistance in pressing operation Etc)	Nos.	1	0.03	0.03
10	Preparation work of bogie frame assembly (deburring, dressing etc.)	Nos.	1	0.03	0.03
11	Grinding & Dressing work of fitment items in bogie frame	Nos.	1	0.06	0.06
12	Unpacking of items, housekeeping of shop, machine cleaning, Chip removal & assistance for crane operation etc.	Nos.	1	0.06	0.06
13	Miscellaneous welding work: 5.1)1 MN liner Set & weld in pedestal plate 5.2)1 Liner for brake hanger welding 5.3)1 Horn cross tie rod FTG. & SF chain welding 5.4)8 Safety strap PRP. & MTG 5.5)8 Pull rod sleeve seating & welding 5.6)8 MN. Liner set & welding axle box 5.7)4 sand box assembly 5.8)8 spacer 50tkx100x200 LG. MTG 5.9)8 Spacer mounting on U/F 5.10)2 Hand brake MTG on hanger 5.11)16 Padestal stud MTG	Nos.	1	0.32	0.32
				Total	3.88
NOTE: 90% of amount may be claimed after handing over the loco to Testing and 10% of amount after Final Dispatch					

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DATE: 15.07.2023

Module-D					
Spare Wheel Axle Set for WAG-5 Bogie Shop (0.79 % of Total Contract Value)					
S.No.	Description	UOM	Qty	% per Job	Total %
(A)	(B)	(C)	(D)	(E)	(F)= (E)X(D)
1	1. Preparation work of wheel axle items like Wheel, Gear, Axle box assembly, Suspension tube assembly, Gearcase, Brake rigging etc. 2. Assistance in crane operation & Gear wheel pressing, Painting of wheel axle set & spare items (Unpacking of Items, removal of Anti Rust agent, Oil, Grease, Rusting, Machine Cleaning, Chips removal, Housekeeping Etc.)	Set	33	0.024	0.79
				Total	0.79

Module-E					
Spare Wheel Axle Set for Diesel Bogie Shop (0.16 % of Total Contract Value)					
S.No.	Description	UOM	Qty	% per Job	Total %
(A)	(B)	(C)	(D)	(E)	(F)= (E)X(D)
1	1. Preparation work of wheel axle items like Wheel, Gear, Axle box assembly, Suspension tube assembly, Gearcase, Brake rigging etc. 2. Assistance in crane operation & Gear wheel pressing, Painting of wheel axle set & spare items (Unpacking of Items, removal of Anti Rust agent, Oil, Grease, Rusting, Machine Cleaning, Chips removal, Housekeeping Etc.)	Set	10	0.016	0.16
				Total	0.16

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Module-F					
Module-F Other Spare Handling over to CDC for Loco Assy Shop (0.9 % of Total Contract Value)					
S.No.	Description	UOM	Qty	% per Job	Total %
(A)	(B)	(C)	(D)	(E)	(F)= (E)X(D)
1	Other spare handling from store, cleaning, painting and handing over to CDC as per monthly plan	Set	1	0.9	0.9
				Total	0.9
				Grand Total	100.00

The contractor shall submit his monthly RA (running account) bills with all the details required by BHEL on specified date monthly (by 1st week of the month) covering completion of work in all respects and works completed for the bill period.

- ii. BHEL shall make the payment on completion of work and clearance from BHEL (QC) and Customer as per BHEL Quality Plan.
- iii. All the payments will be subject to deduction of tax at source applicable as per law.

3. Estimated Quantum of Works: 8 nos. 1400 HP DESL, 6nos. 700 HP Dual Cab DESL and 1no. 350 HP DESL at LMM shop, **Note:** The quantity indicated is a projection based on the present requirements. The quantity may increase / decrease based on BHEL's order book position and production requirements. Loading (letter order) will be given accordingly.

4. Delivery Period:

Contractor has to deliver the work allotted to him within **20 days** for each locomotive and **15 days** for bogie work. Delivery period shall start at the time of offering 'underframe for painting' and shall end at 'Handing over to testing'. However, if any delay occurs on account of BHEL in providing material or other work front, that period shall be added in the delivery period i.e. 20 days /15 days.

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5. **LD Clause:** Any delay in execution of work will attract penalty. Contractor has to deploy adequate number of workers to execute the quantum of work. The quantum of work will be monthly production plan which shall be reviewed/monitored on weekly basis. Delay if attributable to firm; penalty shall be imposed @0.5% per week for delayed work (no. of Locomotives) and maximum up to the ceiling of 10 % of the contract value for the delayed work. If any defect is noticed in the work at later stage, the firm shall repair the same, in short time free of cost. Cost of rework / rejection will be recovered from the contractor, if the same is found to be occurred due to negligence/lack of skill of the worker. Executive in charge shall keep proper records for above purpose. The Penalty shall be recovered from the EMD, Security Deposit, Contract amount and running bills etc.
6. All required input materials for assembly will be provided to contractors within 3 working days from the contractor's requisition date.
7. **Drawing and Documents:**
- (i) The detailed drawings, specifications available with BHEL engineers will be made available to the contractor during execution of work in shop. The contractor will also ensure availability of all drawings / documents at work place.
- (ii) Any error or ambiguity be discovered in the specification or information the contractor shall forthwith bring the same to the notice of BHEL before commencement of work. BHEL's interpretation in such cases shall be final and binding on the contractor.
- (iii) The data furnished in various annexure enclosed with this tender specification are only approximate and for guidance. However, the change in the design and in the quantity may occur as is usual in any such large scale of work. The contractors quoted rates shall be inclusive of the above factors.

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**BHARAT HEAVY ELECTRICALS LIMITED****(A Govt. of India undertaking)****LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120****TENDER ENQUIRY NO: LMM/TW/23-24/001****DATE: 15.07.2023****Pre-Qualifying Requirement (PQR)****Annexure – 'C'**

SI No	Description of Qualifying Requirement
1.	<p>i) Average Annual financial turnover during the last 3 years ending 31st March 2023, should be at least Rs. 3.18 lakhs approx. for non MSE bidders & Rs. 0.8 lakhs for MSE bidders. (Bidder to attach audited balance sheet and Profit & Loss Account of last three financial years, ending 31st March 2023, or Certificate of CA as proof of financial T/o for respective years). If T/o details of 3 years are not available, then available years T/o shall be evaluated by dividing it by 3.</p> <p>The following documents to be submitted</p> <p>ii) A certificate from CA dully vetting the turnover. "OR"</p> <p>iii) Audited balance sheet & Profit and loss statement.</p> <p>AND</p> <p>i) Certificate of net worth value on 31.03.2023, certified by CA.</p> <p>Note-Provisional /Actual Turnover for financial year 2022-23 duly certified by CA shall also be acceptable for evaluation purpose. <i>If T/o details of 3 years are not available then available years T/o shall be evaluated by dividing it by 3.</i></p>
2.	<p><u>Work Experience:</u></p> <p><u>Non-MSE bidder</u></p> <p>Bidder should have experience of executed similar work during last 7 years ending the month previous to the month of issuing tender enquiry either of the following: -</p> <p>a. Three similar works each valuing not less than the amount equal to Rs 4.25 lakhs or</p> <p>b. Two similar works each valuing not less than the amount equal to Rs 5.31 lakhs or</p> <p>c. One similar works each valuing not less than the amount equal to Rs 8.50 lakhs.</p> <p><u>MSE bidder</u> (MSE bidders have to submit valid UDYAM certificate covering activities as mentioned in definition of similar work as below)</p>

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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SI No	Description of Qualifying Requirement
	<p>Bidder should have experience of executed similar work during last 7 years ending the month previous to the month of issuing tender enquiry either of the following: -</p> <ol style="list-style-type: none">Three similar works each valuing not less than the amount equal to Rs 1.06 lakhs orTwo similar works each valuing not less than the amount equal to Rs 1.33 lakhs orOne similar works each valuing not less than the amount equal to Rs 2.12 lakhs. <p><u>Executed Similar Work</u> means bidder has experience of any type of contract involving Painting, Welding and Fabrication / Mechanical assembly work in Locomotive or transformer requisite value even if the contract has not been completed or closed (in any PSU / CPSU / State govt. / Central Govt./ Private sector).</p> <p>Documentary proof (Completion Certificate and WO/PO / LOI) & TDS certificate issued from traces (Form16A) for the experience performance report issued by Customer for successful execution of the requisite value is to be submitted. In case experience is submitted for work done in BHEL, TDS certificate is not required.</p> <p>Documentary proof required:</p> <ol style="list-style-type: none">Completion Certificate/ proof of completionWork Order /Purchase Order along with self-certified Invoice(s).TDS Certificate
3.	Contractor should have an ESI code number. and PF number
4.	Contractor Should have PAN number.
5.	Contractor Should have GST (PAN based)
6.	Bidders are required to submit a self-declaration on their letter head as per the Format enclosed in Annexure E .
7	Blank price bid as per Annexure-JS472
8.	The documents required for legal entities under whose name and style Contractor has participated in the tender are as follows:

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SI No	Description of Qualifying Requirement
	8.1) Partnership Firm: Partnership Deed registered at the office of Registrar of Firms. 8.2) Company: Certified copy Memorandum of Association, Article of Association and Incorporation Certificate. 8.3) Society: Registration certificate issued by Registrar of societies. 8.4) Sole Proprietor-ship Firm: Undertaking on oath (On Company's letter head) that Proprietor is solely responsible for all rights and liabilities while working under the name and style of Sole Proprietorship firm namely (_).

Manner of Splitting of Work

We hereby accepted above (signature & seal of bidder)

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All the eligible bidders shall be categorized from L-1 to L-h bidder (L-h will be the bidder quoting highest rate) on the basis of their quoted rates. In case of equal rates at the same level, toss or lottery shall be drawn among all the bidders having quoted equal rates for grading from lower to higher rates. This list shall be referred for award of work.

The contract shall be splitted maximum between two contractors as illustrated below:

P	L-1	L-2	Total
L-1	100	-----	100
L-2	70	30	100

Where P is accepted number of qualified responses.

The distribution shall be done on acceptance given by the bidders to L-1 price counter offer to them. In case none of the bidders accepts the counter offer (L-2 to L-h), the entire work order shall be awarded to lowest bidder.

Loco wise allotment shall be done as follows in case of 70:30 splitting between L-1 and L-2 Bidders:

P	8 X 1400 HP DESL (nos.)	6 X 700 HP DESL Dual cab (nos.)	1 X 350 HP DESL (nos.)	Wheel axle sets and Spares handing over to CDC
L-1	6	4	-----	33 sets (WAG-5), 10 sets (DESL) and other spares
L-2	2	2	1	-----

Where P is accepted number of qualified responses.

ANNEXURE D

PROFORMA FOR SUBMITTING TECHNICAL BID

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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1	Name of the firm (Essential)	
2	Address and Contact Numbers (Essential)	
3	Name of the Proprietor (Essential)	
4	Registration Number of the Firm (Essential)	
	Copy of the Certificate	Enclosed / Not Enclosed
5	PAN/TAN Number (Essential)	
6	GST Number(PAN Based) (Essential)	
7	Experience Certificate (Along with balance sheet & profit and loss account/ turnover certificate issued by CA) (Essential)	Enclosed / Not Enclosed
8	Earnest Money Deposit (Essential)	Rs. 21,253/- (Rupees Twenty-One Thousand Two Hundred Fifty-Three Only)
	Receipt No. & Date	
	Electronic fund Transfer no. (Bank)	
9	Validity of offer	90 days from the date opening of technical bid
10	Blank Price bid 'JS-472' (Essential)	Enclosed / Not Enclosed
11	Valid E-Mail Id (Essential)	
13	Proprietorship/ partnership deed	
14	Acceptance of General Terms & Conditions	YES / NO

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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15	Submission of Security Deposit after issue of LOI and before award of Work Order to contractor.	YES / NO
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We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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TENDER ENQUIRY NO: LMM/TW/23-24/001

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ANNEXURE E

TENDER ENQUIRY NO. _____

Self Declaration

1. I / We have not been found guilty by a Court of law in India for any crimes of fraud, dishonesty or moral turpitude.
2. I / We are not been blacklisted/under hold/banned or delisted by BHEL Jhansi or any Unit/office of BHEL or any other organization, before or till, on the date of tender opening.
3. I / We shall not be influenced by anyone in deployment of labour, for this contract.
4. I / We will deploy persons preferably with experience developed in BHEL Jhansi, for this contract.
5. I / We will ensure that the manpower deployed for this contract shall be competent to carry out the assigned task
6. I / We shall deploy manpower after acceptance of the Head of the Executing Department
7. I / We agree that BHEL shall reserve the right to reject any labour deployed – if found not having the requisite documents, proficiency, experience, etc for the relevant task, or if found involved in any misconduct
8. I / We undertake that we shall pay minimum wages to the labour employed by us for this contract, and also undertake to abide by all statutory and regulatory requirements (e.g. PF, ESI, Insurance of Rs.10.00 Lacs), as also to the references, terms and conditions mentioned in the tender document, while carrying out work at BHEL Jhansi.
9. I / We undertake that, wherever applicable, we shall pay Stamp Duty Charges on Security Deposit to the Government.

(Signature of the Contractor with Name, Designation & Seal)

Anand
17/09/2021
for *[Signature]*
17-9-2021

[Signature]
17/09/2021

[Signature]
17-9-2021

[Signature]
17-9-2021

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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DATE: 15.07.2023

General Terms and Conditions of Enquiry (JHS2055C R02)

UPLOADED IN SEPARATE FILE (Page no. 01 to 14)

To be signed by contractor and submitted along with bid.

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India undertaking)

LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120

TENDER ENQUIRY NO: LMM/TW/23-24/001

DATE: 15.07.2023

Annexure-F

Annexure - F						
Price Bid Sheet JS-472						
Tender Enquiry No. LMM/TW/23-24/001						
Sl. No.	Description of Work	% Allocation (Item-wise)	Unit of Measurement	Quantum of Work	Rate per Unit (in Rs.)	Amount (in Rs.)
(A)	(B)	(C)	(D)	(E)	(F)	(G=E*F)
1	Complete Painting work of 1400 HP DESL as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-A	57.46	Nos.	8		-
2	Complete Painting work of 700 HP DESL Dual Cab as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-B	36.82	Nos.	6		-
3	Complete Painting work of 350 HP DESL as per drg and Misc. work in Loco assy shop & Bogie shop as per Module-C	3.88	Nos.	1		
4	Spare wheel axle set work for WAG-5 Bogie Assy Shop as per Module-D	0.79	Set	33		
5	Spare wheel axle set work for DESL Bogie Assy Shop as per Module-E	0.16	Set	10		
6	Other spares handing over to CDC as per monthly plan Module-F	0.9	Set	1		
	GROSS TOTAL	100.0%				To be quoted by the bidder
Total price in words:						
Note:						
1. Bidder has to quote in above unlocked cell only. Item rate shall be calculated automatically. Calculated item rates upto four decimal points may be adjusted w.r.t. gross total amount and it shall be the itemwise final rate for execution of contract and all other purposes.						
2. Quoted gross total amount should be considered only if quoted in this excel sheet and print out of this should only be considered for evaluation. If Price is quoted in any other format other than the Excel Sheet enclosed to the NIT, the offer of the bidder will be rejected						
3. GST @ 18% Shall be extra						
(Signature and Seal of the Contractor)						

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



BHARAT HEAVY ELECTRICALS LIMITED

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Clubbed Annexures (I to X)

UPLOADED IN SEPARATE FILE (Page no. 01 to 15)

To be signed by contractor and submitted along with bid.

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India undertaking)

LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120

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Annexure – XI

Certificate by Chartered Accountant on letter head

This is to Certify that M/s _____, (hereinafter referred to as 'company/') having its registered office at _____ is registered under MSMED Act 2006 as per following details:-

UDYAM Reg. No. - _____

UDYAM Reg. Date : _____

Category: _____ (Micro/Small),

Major Activity: _____ (Manufacturing/Services).

Further verified from the Books of Accounts that the investment and turnover of the company as per the latest three financial statements as per MSMED Act 2006 is as follows:-

(Amount in Crores)

Financial Year	Investment in plant and machinery*	Turnover during the Year	Type of Financial Statements
			Audited/Provisional
			Audited/Provisional
			Audited/Provisional

*Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Micro, Small and Medium Enterprises vide its notification No.S.O.2119 (E) dated June 26, 2020:

(Strike off whichever is not applicable)

The above investment of Rs. _____ Crore and Turnover of Rs. _____ Crore is within permissible limit of Investment of Rs. _____ Crore and Turnover of Rs. _____ Crore for _____ Micro/ Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is _____ (dd/mm/yyyy) as notified vide S.O. No. 2119(E) published in the gazette notification dated 26.06.2020 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant

UDIN -

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



BHARAT HEAVY ELECTRICALS LIMITED

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LOCOMOTIVE MANUFACTURING (LMM), JHANSI - 284120

TENDER ENQUIRY NO: LMM/TW/23-24/001

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DECLARATION BY BIDDER

We declare that the following family firms or sister concern affiliates / subsidiary firms are participating in the tender No NIT:

1.0.....

2.0.....

3.0.....

.....

I....., hereby declare on behalf of M/s..... and the family firms or sister concern affiliates / subsidiary firms listed above that we are not indulging in cartel formation for tender No NIT:.....

Name & signature of the bidder

(Seal)

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



BHARAT HEAVY ELECTRICALS LIMITED

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TENDER ENQUIRY NO: LMM/TW/23-24/001

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SOP for implementation of Risk and Cost

UPLOADED IN SEPARATE FILE (Page no. 01 to 10)

To be signed by contractor and submitted along with bid.

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority