

Bid invitation

Information

Description: TENDER FOR BHOPAL RAIL PLANT

Bid invitation number: 6300040573

Version: 3

Bid invitation rules

Bid invitation currency: INR

Timezone: INDIA

Submission period: 09.07.2026 13:00:00

Tech Opening date: 09.07.2026 13:30:00

Created On: 25.05.2026 13:36:39

Bid invitation text:

03.07.2026 - Corrigendum-1, Reply to Bidders queries and details of SLD are uploaded.
(Please refer attachment)

NAME OF THE WORK : : Engineering, Procurement & Construction pertaining to establishment of Rail coach factory including Civil Construction of manufacturing block, testing bay, other utility buildings (Non factory buildings), Railway Track sidings, water supply and distribution System, Roads, Drainage and sewerage systems, General Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raisen, Madhya Pradesh (India) PIN code 464993 on EPC Mode.

Bids should be only on SRM Portal. (Quotations sent by Fax / Email / Quotations on letter heads or in any other mode will not be considered). Conditional offers are liable for rejection.

TENDER CLOSING DATE : 09.07.2026.

Earnest Money Deposit (EMD) :
EMD Amount Rs.6,00,00,000 (Six Crores)

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PRE BID MEETING : DATE OF PRE-BID MEETING IS SCHEDULED ON 06-06-2026 @ 10:30 HOURS.

Contact Person : For Civil Engineering related issues , Technical specification & Drawings contract : Mr. Nagendra Mishra , Project Manager , Rail plant Bhopal
(Mobile- 8310857967)

CIVIL Maintenance Rail plant Bhopal- Mr. Vinodh Kumar KR (Sr. Manager, Rail plant, Bhopal)
(Mobile- 8285252187)

QUOTE: LUMPSUM VALUE WITH GST TO BE QUOTED ON SRM COMMERCIAL BID ONLY.

BOQ; Bill of Quantities are as per NIT & BOQ (PDF File) for your reference & to arrive at the Total contract Value including GST.

Signed filled BOQ to be uploaded in SRM PORTAL at 'Notes & price attachments' only,

Breakup for the same is to be submitted by the successful bidder as per appendix- C (BOQ)
No Price documents should be submitted, as a part of technical bid under "C-folder technical attachments " otherwise bid will be rejected.

For details refer NIT Document

Order shall be finalized as per QCBS Formulation
Completion period- 18 MONTHS from work commencement.

PAYMENT TERMS : As per NIT

NOTE :

Bidders are advised to check corrigendum if any and up loading the signed with seal corrigendum's are mandatory for Technical Evaluation of the Bid. This Letter + Tender document + Corrigendum if any, will be part of the contract.

Please contact BEML SRM Team for getting user ID & password / clarification during the submission of bid through SRM / guidance on submission of bid in SRM system. Phone : 080-22963269 e-mail ID : admin.srm@beml.co.in, anithak@bemltd.in

For any tender related clarification, please Mr. Atul Thombre, Sr. Manager, Rail plant, Bhopal (9632270759) Mail- atulthombre@bemltd.in

NO PRICE SHOULD BE INDICATED IN TECHNICAL BID.

General Information while uploading Docs in SRM

a. Use Edge Browser with Internet Explorer mode ONLY for SRM portal.

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b. SRM Portal Link : <https://bemlepci.bemlindia.in:50001/irj/portal>

c. Mail to admin.srm@beml.co.in / anithak@bemltd.in for creation of SRM User Credentials
After Logging in, search for the tender.

d. Open the tender, click on "Technical Rfx" to download the tender documents.

All necessary training manuals are available in the link for ready reference

<https://www.bemlindia.in/eprocurement/Valid> Class 3 Organization Digital Signature with Signing and Encryption certificate is mandatory for submission of bid in SRM e-Procurement System.

General Note :

(a) Bidders are suggested to upload all documents well in advance before closing date not resorting to last date last minute uploading, which may result in improper / missing of documents uploading.

(b) Bidder has to submit all the requisite documents for qualifying in Technical bid. It is Recommended to cross check all the documents against the list after uploading on SRM to ensure that all the necessary documents are correctly uploaded.

(c) In case any of the required documents are not submitted / uploaded by the bidders/ if clarity in documents are not found, BEML reserves the right to reject the bid. Decision of BEML in this regard will be final and binding.

General Note :

(a) FIRM has to study and understand complete scope of Work and Terms & conditions before quoting the tender.

(b) Subject contract comprises of full and satisfactory completion of the works as per the Bill of Quantities, Terms and conditions.

(c) Scope of work as per NIT to be executed all as per instructions / directions of Contract in-Charge of Civil Maintenance /Electrical Maintenance/Project Manager, Rail plant Bhopal.

Please quote lump-sum charges inclusive of all taxes.

Attachments:

DRAWINGS PDF

FURNITURE DETAILS

DOWNLOAD DRAWINGS REPORT

COLOUR CODES

BOQ SUCCESSFUL BIDDER

ANNEXURES

NIT-6300040573

WATER QUALITY REPORT

TECHNICAL SPECIFICATION

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Attachments:

PB REPLIES_QUERIES

DETAILS OF SLD

CORRIGENDUM-1

Digital Signature

Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1		CIVIL & MEP TENDER FOR BHOPAL RAIL PLANT			1 NO
	Basic Price		INR		



BEML LIMITED

A Govt. of India Mini Ratna Company under Ministry of Defence)

BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA), BHOPAL- MADHYA PRADESH

Tender No. – 6300040573

Corrigendum-1

Tender description- Title : **Engineering, Procurement & Construction pertaining to establishment of Rail coach factory including Civil Construction of manufacturing block, testing bay, other utility buildings (Non factory buildings), Railway Track sidings, water supply and distribution System, Roads, Drainage and sewerage systems, General Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umari village, Obaidullaganj, District- Raisen, Madhya Pradesh (India) PIN code 464993 on EPC Mode**

Corregendum-1

With respect to the described work, Corrigendum -1 to be read as mentioned below:

S L	NIT Clause No. & NIT Page No.	Corrigendum	
		FOR	READ AS
		Number based criteria for - Experience in similar	

1	Page No. 26 of NIT	nature of work For Example, Similar work value eligibility, 3 similar works of each more than Rs.162 Cr. which will fetch 6 marks. Additionally, <table><tr><td>Marks for 04 Contracts</td><td>1.3</td></tr><tr><td>Marks for 05 Contracts</td><td>2.7</td></tr><tr><td>Marks for 06 Contracts</td><td>4</td></tr></table> Same formulation shall apply for Rs. 269 Crore & 431 Crore of bid estimated value of similar work also. Score formulation of Machinery is as below:	Marks for 04 Contracts	1.3	Marks for 05 Contracts	2.7	Marks for 06 Contracts	4	Stands Deleted
Marks for 04 Contracts	1.3								
Marks for 05 Contracts	2.7								
Marks for 06 Contracts	4								
2	E. Technical Bid – Part– A1 (Quality and cost-based selection) , SI no. 21,	The Bidder should have in-house engineering Capability and/or should associate with a capable design firm necessarily in the field of Civil & Structure and MEP out of the following disciplines i. Civil & Structure	The Bidder should have in-house engineering Capability in the following disciplines: i. Civil & Structure ii. MEP iii. IT & Data Communication						

	Page no. 15 of NIT	ii. MEP iii. IT & Data Communication For IT & Data Communication the bidder is required to submit an undertaking that in case they become successful bidder, they will engage an expert agency with the approval of BEML to execute the works pertaining to this field. Bidder is required to submit Organogram of engineering setup available with them. And they should have successfully executed. minimum 02 projects pertaining to Railway workshops/ Industrial/commercial/Institutional Project involving all above disciplines during last 07 years with In-House Capability in at least Civil & Structure and MEP discipline. In case of association with design firm, the credential of design firm(s) should be submitted along with the bid.	In case the bidder doesn't have in house engineering Capability in any of the above disciplines, they are required to submit an undertaking that in case they become successful bidder, they will engage an expert design/engineering firm of relevant discipline having proven credentials with the approval of BEML to execute the works. In that case, bidder is required to submit the credentials of the firm(s) whom they propose to tie up with for execution. Credentials shall include nature & type of firm, experience certificate & firms' organogram. Bidder is also required to submit Organogram of engineering setup of above disciplines available with them.
3.	F. Scoring criteria, Page no. 21 of NIT (Experience in similar nature of works, 2,F)	The Bidder should have in-house engineering Capability and/or should associate with a capable design firm necessarily in the field of Civil & Structure and MEP out of the following disciplines i. Civil & Structure ii. MEP iii. IT & Data Communication	The Bidder should have in-house engineering Capability in the following disciplines: i. Civil & Structure ii. MEP iii. IT & Data Communication In case the bidder doesn't have in house engineering Capability in any of the above disciplines, they are required to submit an

	For IT & Data Communication the bidder is required to submit an undertaking that in case they become successful bidder, they will engage an expert agency with the approval of BEML to execute the works pertaining to this field. Bidder is required to submit Organogram of engineering setup available with them. The Bidder should have successfully executed Minimum 02 projects pertaining to railway/workshops/industrial/commercial/Institutional Project on EPC mode each valuing not less than Rs. 216 Crore during last 07 years with In-House Capability in at least Civil & Structure and MEP discipline.	undertaking that in case they become successful bidder, they will engage an expert design/engineering firm of relevant discipline having proven credentials with the approval of BEML to execute the works. In that case, bidder is required to submit the credentials of the firm(s) whom they propose to tie up with for execution. Credentials shall include nature & type of firm, experience certificate & firms' organogram. Bidder is also required to submit Organogram of engineering setup of above disciplines available with them.
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4.	SUBMISSION OF BIDS IN SRM PORTAL AND ELIGIBILITY & QUALIFICATION CRITERIA A.O- Price variation clause , Page no. 35 of NIT	1. Such compensation for escalation in the prices of materials, when due, shall be worked out based on the following provisions: $V = P \times Q \times (CI - Clo) / Clo$ where, V = Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered. P = Base Price of material as issued under the authority of DG(W), CPWD or concerned Zonal Chief Engineer as mentioned above, valid at the time of the last stipulated date of receipt of tender including extensions, if any, Q = Quantity of material brought at site for bonafide use in the works since previous bill. Clo = Price index for cement, Reinforcement bars TMT Fe500 D and structural steel as issued by the DG(W), CPWD as valid on the last stipulated date of receipt of tenders including extensions, if any. All India Wholesale Price Index for the material as published by the Economic Advisor to Government of India, Ministry of Industry and Commerce as valid on the last stipulated date of receipt of tenders including extensions, if any. CI = Price index for cement, Reinforcement bars TMT Fe500 D and structural steel as issued under the authority of DG(W), CPWD for period under consideration. For other items, All India Wholesale Price Index for the material for period under consideration as	1. Such compensation for escalation in the prices of materials, when due, shall be worked out based on the following provisions: $V = P \times Q \times (CI - Clo) / Clo$ where, V = Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered. P = Base Price of material as issued under the authority of DG(W), CPWD or concerned Zonal Chief Engineer as mentioned above, valid at the time of the last stipulated date of receipt of tender including extensions, if any, Q = Quantity of material brought at site for bonafide use in the works since previous bill. Clo = Price index for cement, Reinforcement bars TMT Fe500 D and structural steel as issued by the DG(W), CPWD as valid on the last stipulated date of receipt of tenders including extensions, if any. CI = Price index for cement, Reinforcement bars TMT Fe500 D and structural steel as issued under the authority of DG(W), CPWD for period under consideration.
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		published by Economic Advisor to Government of India, Ministry of Industry and Commerce.	
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5.	Page no. 145, B	B. CONTRACT NOT TO BE ASSIGNED OR UNDERLET AND CONSEQUENCE OF GRATUITIES BEING GIVEN: The contractor shall not assign or make over the contract to any other person, or underlet it, or make a sub-contract with any workmen or workman for the execution of any part of work(s), but shall employ his own workmen for the labour thereof, who shall be paid by him in wages by the day. And in case the Contractor assigns or makes over the contract, or underlet or make sub-contract, contrary to this clause or either himself or his agents give any gratuity to any employee of the Company, the company shall be at liberty to terminate the contract. Before out sourcing/sub-contracting part of total works to any specialised agency, the EPC contractor is required to obtain prior approval of M/s BEML. However, outsourcing of engineering works is not permitted except for IT & Tele-communication.	B. The Bidder should have in-house engineering Capability in the following disciplines: i. Civil & Structure ii. MEP iii. IT & Data Communication In case the bidder doesn't have in house engineering Capability in any of the above disciplines, they are required to submit an undertaking that in case they become successful bidder, they will engage an expert design/engineering firm of relevant discipline having proven credentials with the approval of BEML to execute the works. In that case, bidder is required to submit the credentials of the firm(s) whom they propose to tie up with for execution. Credentials shall include nature & type of firm, experience certificate & firms' organogram. Bidder is also required to submit Organogram of engineering setup of above disciplines available with them. EPC contractor is required to obtain prior approval of M/s BEML.
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6.	Annexure-11	LETTER OF TECHNICAL PROPOSAL If our Bid is accepted, we commit to mobilizing key equipment and personnel in accordance with the requirements set forth in Section 6 (Employer's Requirements) and our technical proposal, or as otherwise agreed with the Employer.	LETTER OF TECHNICAL PROPOSAL If our Bid is accepted, we commit to mobilizing key equipment and personnel in accordance with the requirements set forth key personnel (Employer's Requirements) and our technical proposal, or as otherwise agreed with the Employer.
7.	Annexure-10	Annexure-10 METHOD STATEMENT MOBILIZATION SCHEDULE CONSTRUCTION SCHEDULE WORK PLAN QUALITY ASSURANCE PROGRAMME Note: Above item bidder has to prepared in his own format & submit along with the technical bid for completing the project in stipulated time i.e 18 Months	Annexure-10 Understanding the Scope of project Design Concept Construction Methodology & Techniques to be adopted for Completing the project as per given timeline, logistics plan, site establishment (including porta cabin), Manpower deployment schedule Work Plan, QAP including proposed team structure Note: Above item bidder has to prepared in his own format & submit along with the technical bid for completing the project in stipulated time i.e 18 Months

8.	Sl no. 23, eligibility criteria of E. Technical Bid – Part– A1 (Quality and cost-based selection)	S. No.	Position	Qualification	No's of persons	S. No.	Position	No's of persons	Qualification
		1	Project Manager	Bachelor degree in Civil Engineering	1	1	Project Manager	1	Master's degree in Civil Engineering
		2	Construction Manager	Bachelor degree in Civil Engineering	1	2	Construction Manager	1	Master's degree in Civil Engineering
		3	Planning Manager	Bachelor degree in Civil Engineering	1	3	Planning Manager	1	Masters degree in Civil Engineering
		4	Planning Engineer	Bachelor degree in Civil Engineering	1				
		5	Design Manager	Bachelor Degree in Architecture or Civil Engineering	1				
		6	Lead Architect	Bachelor Degree in Architecture or Civil Engineering	1				
		7	Lead Structural Engineer	Masters in Structural Engineering	1				
		8	Sustainability Manager	Bachelor Degree in Environment/sustainability Engg.	1				

	9	Structural Engineer	Masters in Structural Engineering	1	4	Railway Engineer	1	Bachelor degree in Civil Engineering
	10	Lead Mechanical Engineer	Bachelor degree in Mechanical Engineering	1				
	11	Mechanical Engineer	Bachelor degree in Mechanical Engineering	1				
	12	Lead Electrical Engineer	Bachelor degree in Electrical Engineering	1	5	Design Manager	1	Masters Degree in Architecture or Civil Engineering
	13	Electrical Engineer	Bachelor degree in Electrical Engineering	1				
	14	Construction Engineer	Bachelor degree in Civil Engineering	2				
	15	HSE Engineer	Bachelor degree in Civil/ Mechanical Engineering	1	6	Lead Architect	1	Masters Degree in Architecture or Civil Engineering
	16	QA/ QC Engineer	Bachelor degree in Civil/ Mechanical Engineering	1				
	17	Quantity Surveyor	Bachelor degree in Civil Engineering	1				

			7	Lead Structural Engineer	1	Masters in Structural Engineering
			8	Sustainability Manager	1	Bachelor Degree in Environment/sustainability Engg.
			9	Structural Engineer	1	Masters in Structural Engineering

			10	Lead Mechanical Engineer	1	Master's degree in Mechanical Engineering
			11	Mechanical Engineer	1	Bachelor degree in Mechanical Engineering
			12	Lead Electrical Engineer	1	Master's degree in Electrical Engineering

			13	Electrical Engineer	1	Bachelor degree in Electrical Engineering
			14	Construction Engineer/ Road Engineer	2	Master's degree in Civil Engineering
			15	HSE Engineer	1	Bachelor degree in Civil/ Mechanical Engineering

			16	QA/ Engineer	QC	1	Bachelor degree in Civil/ Mechanical Engineering
			17	Quantity Surveyor		1	Bachelor degree in Civil Engineering
9.	Annexure- 14 PENDING LITIGATION AND ARBITRATI ON	Each Bidder must fill out this form if so required under Section iii Title “General” (Evaluation and Qualification Criteria) to describe any pending litigation or arbitration formally commenced against it. (Self declaration)	Each Bidder must fill out this form if so required under Section 2.5 (L) Requisite of Bidders Title “C. General Instructions to Bidders” to describe any pending litigation or arbitration formally commenced against it. (Self declaration)				

10.	Annexure-11	If our Bid is accepted, we commit to mobilizing key equipment and personnel in accordance with the requirements set forth in Section 6 (Employer's Requirements) and our technical proposal, or as otherwise agreed with the Employer.				If our Bid is accepted, we commit to mobilizing key equipment (Mutually agreed) and KEY PERSONNEL in accordance with the requirements set forth in bid, or as otherwise agreed with the Employer.																											
11.	7. DEPLOYMENT OF TECHNICAL STAFF AND EMPLOYEES, C, Page no. 91-92	C. Equipment The Bidder shall deploy, as per the mutually agreed programme. The capacity of equipment plant and machinery of various MEP systems have been envisaged in the tendered work as per preliminary assessment and design basis report. Upon award, during planning, the requirement need to be re-assessed and finalized in consultation with BEML and system may be designed accordingly. As per the design of system BOM to be finalized and supply may be done accordingly in line with project schedule and requirement				C. Equipment The Bidder shall deploy, as per the mutually agreed programme.																											
12.	7. DEPLOYMENT OF TECHNICAL STAFF AND EMPLOYEES B. Requirement of Technical	<table><tr><th>Sl. No.</th><th>Minimum Qualification of Technical Representative</th><th>Discipline</th><th>Designation (Principal Technical representative)</th></tr><tr><td>1</td><td>Master's degree in Civil Engineering</td><td>Civil</td><td>Project Manager</td></tr></table>				Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical representative)	1	Master's degree in Civil Engineering	Civil	Project Manager	<table><tr><th>S. No</th><th>Qualification</th><th>Discipline</th><th>Position</th><th>No's of persons</th></tr><tr><td>1</td><td>Master's degree in Civil Engineering</td><td>Civil</td><td>Project Manager</td><td>1</td></tr><tr><td>2</td><td>Master's degree in Civil Engineering</td><td>Civil</td><td>Construction Manager</td><td>1</td></tr></table>					S. No	Qualification	Discipline	Position	No's of persons	1	Master's degree in Civil Engineering	Civil	Project Manager	1	2	Master's degree in Civil Engineering	Civil	Construction Manager	1
Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical representative)																														
1	Master's degree in Civil Engineering	Civil	Project Manager																														
S. No	Qualification	Discipline	Position	No's of persons																													
1	Master's degree in Civil Engineering	Civil	Project Manager	1																													
2	Master's degree in Civil Engineering	Civil	Construction Manager	1																													

Representative(s) and recovery rate Page no. 90-91 of NIT	2	Bachelor degree in Civil Engineering	Civil	Construction Manager
	3	Bachelor degree in Civil Engineering	Civil	Planning Manager
	4	Bachelor degree in Civil Engineering	Civil	Railway Engineer
	5	Bachelor Degree in Architecture or Civil Engineering	Civil	Design Manager
	6	Bachelor Degree in Architecture	Architecture	Lead Architect
	7	Masters in Structural Engineering	Structural	Lead Structural Engineer
	8	Bachelor Degree in Environment/sustainability Engg.	Environment/sustainability	Sustainability Manager
	9	Masters in Structural Engineering	Structural	Structural Engineer
	10	Bachelor degree in Mechanical Engineering	Mechanical	Lead Mechanical Engineer
	11	Bachelor degree in Mechanical Engineering	Mechanical	Mechanical Engineer

				cal Engineer		12	Master's degree in Electrical Engineering	Electrical	Lead Electrical Engineer	1
		1	Bachelor degree in Mechanical Engineering	Mechanical	Mechanical Engineer	13	Bachelor degree in Electrical Engineering	Electrical/Mechanical	Electrical Engineer	1
		1	Bachelor degree in Electrical Engineering	Electrical	Lead Electrical Engineer	14	Master's degree in Civil Engineering	Civil	Construction Engineer/Road Engineer	2
		1	Bachelor degree in Electrical Engineering	Electrical/Mechanical	Electrical Engineer	15	Bachelor degree in Civil/Mechanical Engineering	Civil Engg.	HSE Engineer	1
		1	Bachelor degree in Civil Engineering	Civil	Construction Engineer/Road Engineer	16	Bachelor degree in Civil/Mechanical Engineering	Civil Engg. / Architecture	QA/ QC Engineer	1
		1	Bachelor degree in Civil/Mechanical Engineering	Civil Engg.	HSE Engineer	17	Bachelor degree in Civil Engineering	Civil Engg.	Quantity Surveyor	1
		1	Bachelor degree in Civil/Mechanical Engineering	Civil Engg. / Architecture	QA/ QC Engineer	Rate at which recovery shall be made per month from the contractor in the event of not fulfilling aforesaid provisions. (Monthly Deduction shall also be on prorata basis)				
		1	Bachelor degree in Civil Engineering	Civil Engg.	Quantity Surveyor					

SL	NIT Clause No. & NIT Page No.	For better Clarity purpose only	
2	F. Scoring criteria, Page no. 20 of NIT (Experience in similar nature of works, 2,A)	SCORING CRITERIA The bidder meeting the eligibility criteria will be evaluated by scoring method on the basis of details furnished by them 1. One similar* completed works of value each not less than Rs. 431 Crore value mentioned against work in the tender notice Or Two similar* completed works of value each not less than Rs. 269 Crore value mentioned against work in the tender notice Or Three similar* completed works of value each not	Scoring is on value pro-rata basis 60% in minimum eligibility If firm submits one similar completed works of value more than 832 crore - Firm will secure full Marks Value less than 832 but more than 431 crore will be calculated on pro-rata basis.

		less than Rs. 216 Crore value mentioned against work in the tender notice	
F. Scoring criteria, Page no. 20 of NIT (Experience in similar nature of works, 2,B)	The Bidder should have successfully completed an Industrial/infra structure/ commercial project during last 07 Executed on design and build basis with total construction area (Built up area) of Industrial Shed and RCC Buildings combined together should not be less than 43,500.00 Sqm (Design and Build)-	The Bidder should have successfully completed an Industrial/infra structure/ commercial project during last 07 Executed on design and build basis with total construction area (Built up area) of Industrial Shed and/or RCC Buildings combined together should not be less than 43,500.00 Sqm (Design and Build)-	
F. Scoring criteria, Page no. 20 of NIT	The Bidder should have successfully completed an Industrial/infra structure/ commercial project during last 07 Executed on design and build basis	60% is minimum eligibility	

	(Experience in similar nature of works, 2,B)	with total construction area (Built up area) of Industrial Shed and RCC Buildings combined together should not be less than 43,500.00 Sqm (Design and Build)-	If firm submits one completed similar completed works required criteria of order with more than 87,000 Sq m will secure full marks out of the allotted marks. Value in Between will be on pro-rata basis.
	F. Scoring criteria, Page no. 20 of NIT (Experience in similar nature of works, 2,C)	The bidder should have the credential of having executed civil construction works of similar nature or any work pertaining to Industrial/infra structure/ commercial Project (Involving Fabrication and /or RCC) of minimum value of Rs.20 Crore per month on an average in a completed contract. (This should be the billing amount against works and not the advance received, if any) Substantial documentary evidence to be provided in support of above- 6 Marks	If firm submits project pertaining to required criteria of minimum value of Rs. 20 Crore per month on an average in a completed contract, - Value of 40 Crore per month on an average in a completed contract will give full marks. Value in Between will be on pro-rata basis
3	F. Scoring criteria, Page no. 20 of NIT	The Bidder should have executed steel fabrication work to the tune of minimum 9,000 MT in a single contract. Performance certificate clearly specifying the details of project and	Bidder having executed single contract steel fabrication to the tune

	(Experience in similar nature of works, 2,D)	Tonnage of structural fabrication work satisfactorily completed, to be enclosed by bidder. - 6 Marks	of 18000 MT will get full marks, In between 9001 to 18000 will be on pro rata basis.
	F. Scoring criteria, Page no. 20 of NIT (Experience in similar nature of works, 2,E)	The bidder should have executed RCC Work to the tune of minimum 28,700 CuM in a single contract. - 6 Marks	The bidder having executed RCC work 57,400 CuM or more will get full marks, in between will get marks on pro-rata basis.

- Annexure- 4,16 & 25- where ever Financial statement of previous 03 years have been sought, this should be read as 2023-24, 2024-25 & 2025-26, Firm to furnish information accordingly.



(A Govt. of India Mini Ratna Company under Ministry of Defence)

Pre-bid Queries – BEML Response to Pre-bid Queries from Bidders (Set - 1)

02-07-2026

Name of the Work: Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raisen, Madhya Pradesh (India) on EPC Mode.

Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
1	NIT, Eligibility Criteria, Sl no 16	The contractor should have satisfactorily completed works of similar nature during last 07 years ending last day of the month previous the one in which the tenders are invited. One similar* completed works of value each not less than Rs.431 Crore Or Two similar* completed works of value each not less than Rs.269 Crore Or Three similar* completed works of value each not less than Rs. 216 Crore.	Kindly include substantially completed clause as well The contractor should have satisfactorily completed/ substantially completed (more than 90% completed) works of similar nature during last 07 years ending last day of the month previous the one in which the tenders are invited. One similar* completed works of value each not less than Rs.431 Crore Or Two similar* completed works of value each not less than Rs.269 Crore Or Three similar* completed works of value each not less than Rs. 216 Crore.	Follow tender condition
2	NIT, Eligibility Criteria, P no 23	At least 30% of key personnel should be WOMEN).....	onboarding 30% key personnel as a women shall be challenging, hence, either remove the clause or kindly relax the Qualification criteria as B.tech degree instead of M.Tech	The percentage deployment of women work force as mentioned is preferred. However, bidder must ensure a suitable representation of work force by maximising the female employees count as desired by BEML.
3	NIT, Mobilization advance, P no 33	The Mobilisation Advance paid shall be recovered as stipulated above from each RA bill @ 12.5% of gross amount of RA bill in such a manner that the total advance is recovered when 80% of the contract value gets paid.	Mobilization Advance shall be recovered till 90% of Value of work done.	Follow tender condition
4	NIT, Secured Advance on Materials , P no 34	The contractor, on signing an agreement, shall be entitled to be paid during the progress of the execution of the work up to 75% of the assessed value of Cement and steel (Reinforcement Steel & structural steel)only, which are in the opinion of the Engineer-in-charge non-perishable, nonfragile	Contractor shall be paid Secured Advance for Cement and all kind of Steel @ 100% of invoice value and 80% for other non-perishable materials brought at site; the same shall be recovered from RA Bills based on the consumption in works. The Secured Advance shall be on 30 days credit limit or the payment to be made by owner directly to the Supplier/ Vendor on behalf of Contractor	Follow tender condition



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Pre-bid Queries – BEML Response to Pre-bid Queries from Bidders (Set - 1)

02-07-2026

Name of the Work: Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raissen, Madhya Pradesh (India) on EPC Mode.

Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
5	NIT, , P no 42, Obtaining approvals	Obtaining approvals/ certifications from local bodies/ statutory authorities/ certifying agencies as specified in the tender document.	We understand that all payment for the approval shall be paid by owner. Contractor has to do only liasoning work	The scope of statutory approvals are clearly defined in the NIT. Kindly refer Page no. 43.
6	NIT, , P no 42, Statutory Approvals:	Statutory approvals and handing over the site on "turn key basis" shall be the responsibility of successful bidder	We understand that all payment for the approval shall be paid by owner. Contractor has to do only liasoning work	The scope of statutory approvals are clearly defined in the NIT. Kindly refer Page no. 43.
7	NIT, , P no 45, Surveys and investigations	Soil investigation and geotechnical report available with BEML is also enclosed with this tender (Report) which is a preliminary investigation carried out for DPR preparation.	conducting a fresh soil investigation required time, hence, we are relying on the data available with the tender documents. Any change in soil strata during construction stage shall be suitably compensated by owner	Available Geotechnical investigation report conducted at project site has been provided which may be used only for bidding purpose. However, if bidder requires additional confirmation/ studies, they can carryout preliminary soil investigation at site on their own. The successful bidder is required to carryout their fresh investigation studies (required/ additional studies) to confirm and assess the strata before the designing of foundations. Ignorance of the site conditions shall not be accepted by BEML as basis for any claim for compensation or extension of time.
8	NIT, , P no 52, List of Facilities	Car body Fabrication Block : (G+1)- Steel Structure (Conventional) / (Hybrid-combination of conventional & PEB)	kindly clarify Car body Fabrication Block is a conventional or hybrid	Bidder to propose either conventional/ hybrid combination of conventional and PEB type of structure during the detail design stage to BEML for approval.
9	NIT, , P no 115, On submission of RAR bills by	On submission of RAR bills by Contractor to the OIC/EIC, 50% of the RAR Bill value shall be released within Ten (07) working days without detailed check on the claim The balance shall be released after the claim is scrutinized in detail as per procedure by BEML within Twenty-Eight (28) working days.	We are requesting for 80% of RA bill values as adhoc to release within 7 days and balance 20% in 15 days of RA bill submission.	Follow tender condition
10	General	DPR	Kindly share the detailed project report (DPR) for our reference and further planning	DPR cannot be shared, however, any specific information required for bidding purpose shall be provided based on the availability.



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11	General	Approvals Required : regarding Pre & all Post construction clearances/approvals from Environmental Authority, Municipal and other relevant statutory authorities/local bodies including Water supply agencies concerned, Electric Supply and inspectorate	We request you to kindly provide the list of approvals already in progress or possession by the owner if any. Please clarify	1. Before physical commencement of project construction work (BEML's Responsibility) (i) EC & CTE - Under process (ii) Building permission - Under process (iii) Building plan & site layout approval - Under process (iv) Fire NOC - Under process (v) Registration on Shram Suvidha Portal/ Madhya Pradesh Shram Seva Portal - Under process
12	General	Batching plant/RMC space	We request you to kindly allow us to set up the batching plant within the site. Kindly confirm.	Confirmed.
13	General	Barricading height	Kindly clarify the height of barricading of site to be done	Adequate height of barricade to be provided as per the site requirement complying with all safety and environment norms which can be discussed and finalized with BEML.
14	General	Setting up of labour camp and site temporary establishment	We request you to kindly allow us to set up the labour camp and site temporary establishment free of cost within the site. Kindly confirm	Confirmed.
15	General	Water & Electricity	We presume that Contractor is allowed to drill bore hole for construction water and Power will be supplied at single tapping point by owner. Kindly confirm	Though BEML will make all efforts to have electricity and water connection at site on chargeable basis before start of work, In the event of being of unsuccessful in its endeavour, the EPC contractor will have to arrange these on their own without wasting any time at their own cost.
16	General	Tree cutting and transplantation	requested to specify the number of trees to be cut and transplanted with Girth Sizes.	Bidder to assess based on the site visit and quote accordingly.
17	Cl. 3 (B) Pg. 8 of 189 Prebid Meeting		We request for conducting the Prebid meeting in online mode also. A hybrid format allows attending vendors to easily loop in their internal technical experts, estimators, and legal teams in real-time during the Q&A session. Kindly confirm.	Follow tender condition



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18	Cl. 3 (D), Pg. 9 of 189 Compulsory Site visit certificate issued by BEML		Kindly confirm that a fresh site visit certificate is to be taken or the earlier site visit certificate shall be applicable which was taken for the earlier cancelled tender.	Fresh site visit certificate to be obtained from BEML.
19	Cl. 3 (E), Notes, Pg. 15 of 189 TDS (26 AS) downloaded from the web matching with the experience certificate should be attached.		Since certificates issued by Government Departments are formal public documents and carry inherent authenticity, we understand that the mandatory submission of Form 26AS applies primarily to certificates issued by Private Clients/Entities. Kindly confirm that for Government-executed works, the official Completion Certificate alone shall suffice for eligibility." In many older projects or specific departments, the way TDS is filed (e.g., under a consolidated TAN or different sub-sections) might not always create a perfect 1:1 line item in your 26AS that matches a specific "Project Name," even if the total amounts are correct. Removing this requirement for Govt. works simplifies your compliance significantly.	In case of experience certificate obtained from other than Government organizations/Public Sectors, the same shall be supported with TDS certificate by the contractor.
20	Cl. 3 (E), Sr. No. 22, Pg. 16 of 189 Equipment & Machinery required for construction of factory Bidder should have following construction equipment and machinery of specified number/quantity in full working order, in their own name or		With reference to the equipment capability clause, we understand that a self-certification/undertaking regarding the availability or assured access to the required machinery is sufficient at the pre-tender/bidding stage. We request you to kindly confirm that physical proofs (such as registration copies, ownership invoices, or lease agreements) will be required only post-award of work, prior to the mobilization of the equipment at the site.	If, the equipment are proposed to be hired by the bidder on rental or leased basis they are required to submit an undertaking(annexure-19) to this effect in the format given. In the event of ownership, they are required to submit the proof of ownership (annexure-19)



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21	Cl. 3 (E), Notes, Pg. 15 of 189 Point no. 16 to 21 & (Annexure- 18A- 18E), - Works experience will be considered of last 7 years ending last day of month previous to the one in which tenders are invited.		We understand that this clause is not applicable in case of QCBS Evaluation and is restricted for Eligibility Criteria only.	Works experience will be considered of last 7 years ending last day of month previous to the one in which tenders are invited- This clause will remain applicable both in QCBS evaluation & Eligibility criteria also
22	Cl. 3 (E), Notes, Pg. 15 of 189 The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of receipt of applications for		The tender specifies that "the value of executed works shall be brought to current costing level by enhancing the actual value at a simple rate of 7% per annum." We understand that this enhancement factor is applicable to all value-based credentials, including the calculation of the monthly average execution value, to ensure historical contracts are evaluated at current market rates. Kindly confirm our understanding.	Confirmed



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23	Cl. 3 (F), Sr. No. 2 (A), Pg. 19 of 189 Similar work experience during last 7 years' Experience: Experience of having successfully completed similar Civil works during last 7 years ending last day of month previous to the one in which tenders are invited should have		We request to give 100% marks in case bidder has completed twice the required value of works in a single contract. For e.g.: In case, bidder submits a single project having completed project value of not less than ₹862 Cr., he should be awarded 100% marks.	Yes
24	Cl. 3 (F), Sr. No. 2 (B), Pg. 20 of 189 The Bidder should have successfully completed an Industrial/ infra structure/ commercial project during last 07 Executed on design and build basis with total construction area (Built up area) of Industrial Shed and RCC Buildings		We request authority to give 100% marks in case bidder has completed twice the required built up area in a single contract. For e.g.: In case, bidder submits a single project having completed total construction area (Built up area) of not less than 87,000 sqm., he should be awarded 100% marks.	Yes



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25	Cl. 3 (K), Submission of EMD, Pg. 30 of 189 The scanned image of earnest money deposit to be uploaded online in technical bid and original one to be submitted to the address mentioned below so as to reach Latest by last date of submission		To maintain strict bidding confidentiality and accommodate final executive management approvals close to the deadline, requesting the original BG on the bid due date restricts bidders logistically. We request you to kindly permit the submission of the original physical Bank Guarantee within 5 days post-bid opening, while we ensure a scanned copy is uploaded with the online bid.	Follow NIT condition.
26	10. Additional Conditions of Contract, Pg. 145 of 189 B. Contract not to be assigned or underlet and consequence of Gratuities being given: The contractor shall not assign or make over the contract to any other person, or underlet it, or make a sub-contract with any workmen or workman for the execution of any part of work(s), but shall employ his own workmen for the labour thereof, who shall be paid by him in wages by the day. And in case the Contractor assigns or makes over the contract, or underlet or make sub-contract,		We would like to highlight that the Scope of Work is a multi-disciplinary EPC project encompassing specialized segments such as PEB Structures, Railway Track Sidings, MEP, Architectural Finishes, STP's, BIM, IT & Telecommunications etc. However, the current restrictive clause prohibiting sub-contracting and requiring the employment of workmen on a 'daily wage' basis is inconsistent with modern EPC project management. Execution of such diverse and specialized works requires the engagement of technically qualified sub-agencies and OEMs. Also, note that the scope includes Railway Track Sidings and MEP services, which often require execution by agencies holding specific licenses and statutory certifications. We request the Employer to amend this clause to allow subcontracting for specialized components of the work, subject to the Employer's approval, as is standard practice in large scale Industrial EPC contracts. This will ensure the highest quality of installation and adherence to statutory standards." We propose the following modified clause: "The Contractor may, with the prior written consent of the Employer, appoint sub-contractors for the work. The Main Contractor shall remain fully responsible for the acts and omissions of any sub-contractor."	Before out sourcing/sub-contracting part of total works to any specialised agency, the EPC contractor is required to obtain prior approval of M/s BEML.



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27	Project Completion Period		We note that the project completion period is set at 18 months. Given the extensive EPC scope—which includes Detailed Engineering (BIM/Structural), procurement of long-lead MEP items, and specialized Railway Track Sidings—we believe a more realistic timeline is required to ensure high-quality execution and safety standards. Statutory approvals and the integration of complex utility systems typically follow a sequential timeline that exceeds the current limit. We request the Employer to reconsider and extend the completion period to a minimum of 24 months.	Follow tender condition
28	General Design related		In revised plot layout plan, finished ground levels to be maintained at all building locations are not mentioned. Please confirm the finished ground levels to be followed at all building locations.	Refer Clause 1.6 Page No. 49 of 189 in NIT.
29	General Design related		Please confirm finished ground levels to be followed at ear marked green belt areas	Refer Clause 1.6 Page No. 49 of 189 in NIT.
30	General Design related		Please confirm the design axle load to be considered for formation design of rail line.	17 Ton (Tare load), Refer relevant IRS code
31	General Design related		Please confirm the internal road cross section details (type of road, carriage way width, shoulder width, layer thickness) along with design traffic & design axle load for internal road design.	EPC contractor has to design and construct. For carriage width & shoulder width refer Plant layout drawing in DWG format. IRC, Class-A loading
32	General Design related		To accommodate peripheral road within already constructed compound wall, centre line of road may be required to move towards already ear marked green belt area, please confirm if this is permitted.	Alignment of road to be decided in consultation with BEML taking care of overall project requirement
33	General Design related		Please provide typical cross section across plot area from one end to other end covering all facilities levels and green belt areas finished ground levels for better estimation for bid.	Refer Clause 1.6 Page No. 49 of 189 in NIT.



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34	NIT S.No 4 Scope of work (Annexure - 9) CI No 1.6 List of Facilities Pg. No 52 of 189	As per CI No 4 Scope of work (Annexure - 9) List of Facilities - Canteen Building 64.8m x 56.4m As per CI No 1.6.4.2 Canteen Building The size of the building shall be 65m x 56 m	As per Drawing, BUA given as 2500 m2, As per NIT S.No 4 Scope of work (Annexure - 9) CI No 1.6 List of Facilities Pg. No 52 of 189 Area of Canteen - 64.8m x 56.4m - 3654.72 sqm is coming. In the notes, it is written as "This Area stands deleted to reduced the capacity to 450 Dinners. Please confirm the size of Building to be considered	The area of canteen 64.8x56.4m was originally kept to accommodate 900 diners which has now been reduced to 450 diners capacity. Accordingly, the actual dimension shall be changed with total built-up area not less than 2500 m2.
35	NIT S.No 4 Scope of work (Annexure - 9) CI No 1.6 List of Facilities Pg. No 52 of 189	As per CI No 4 Scope of work (Annexure - 9) List of Facilities - Fire Station 32.4m x 10.8m As per CI No 1.6.4.3 Fire Station The size of the building shall be 27m x 12 m	Please confirm the size of Building to be considered	Please refer the DWG file for facility for correct dimensions.
36	NIT S.No 4 Scope of work (Annexure - 9) CI No 1.6 List of Facilities Pg. No 52 of 189	As per CI No 4 Scope of work (Annexure - 9) List of Facilities - Main Receiving Sub Station 40m x 12.5m (Area - 500m2) As per CI No 1.6.4.7 MRSS MRSS is a RCC structure building with total Built up area is 300 Sq. m.	Please confirm the size of Building to be considered	Please refer the DWG file for facility for correct dimensions.
37	Drawings Master Plant Layout	#UNKNOWN!	As per NIT S.No 4 Scope of work (Annexure - 9) CI No 1.6 List of Facilities Railway Yard is not in the scope of work but As per Master Plant Layout, its shown in List of Major Units. Please confirm if Railway Yard is in scope of work	Railway yard is very much in the scope of the work in the name of Railway stabling yard.



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38	Drawings Occupational Health Centre	#UNKNOWN!	Please provide specifications for Glazing	EPC Bidder to propose the specification for Glazing and get approved from BEML during the detail design stage
39	Drawings Main Gate complex with Security Office	#UNKNOWN!	Please provide detail specification of Aluminium Box Section	EPC Bidder to propose the specification for Aluminium box section and get approved from BEML during the detail design stage
40	Drawings Gas Bank	#UNKNOWN!	Please provide detail specification of Chain linked Fence like Type, Height etc.,	EPC Bidder to propose the specification and get approved from BEML during the detail design stage
41	Drawings MRSS Building	#UNKNOWN!	Please provide detail specification of Fence like Type, Height etc.,	EPC Bidder to propose the specification and get approved from BEML during the detail design stage
42	Drawings Main Gate complex with Security Office	#UNKNOWN!	Please provide detailed specification of Aluminium pergola	EPC Bidder to propose the specification and get approved from BEML during the detail design stage
43	Drawings		Please provide drawings for Car Body Inspection & Testing facility, Raw material storage Yard, Weigh bridge & Office, Compressed Air Station which are missing	Drawings for the Car Body Inspection and Testing Facility shall be provided. However, the drawings for the other facilities are to be proposed by the EPC contractor and get approved by BEML during the detail design stage on the basis of built up area and layout provided in the master layout.
44	Drawings Clause: 03A-03E Page: Layout sheet	Manufacturing building layouts	Please confirm: 1. No clear structural grid dimensions / bay spacing. 2. Confirm the standard grid sizes	Please refer the DWG file for facility for the required dimensions.
45	Technical Specifications Clause: 1.12 Page: 12 of 261	Road width mentioned (7m, 4m) No pavement design thickness	Please Provide typical rigid pavement section.	Design and construction of rigid pavement is in the scope of EPC contractor. The EPC contractor shall design the pavement in line with contractual requirement following relevant IRC codes and submit the same to BEML for its approval with due vetting from IIT/IISC.



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46	Technical Specification Chapter-9 Material Handling Facilities Clause: 9.2 ELEVATORS Page No: 148 of 261	Passenger Elevators Capacities: 20 & 15 Service Elevator Capacity: 1.5Ton	Proposed Elevators Capacities are mismatching with Technical Specifications and Drawings. Request to clarify and confirm the Buildings wise Capacities for Passengers and Service Elevators	Proposed Elevators Capacities are as follows; Passenger - 15 Pax Service Lift - 1.5 Tonnes
47	Technical Specification Chapter-8 Integrated Building Management System (IBMS) Page No: 136 of 261	The Integrated Building Management System (IBMS) is envisaged as a unified, intelligent control and monitoring platform to enhance building performance, energy efficiency, operational reliability and occupant comfort	Please provide the I/O Summary for IBMS System	EPC bidder is to assess and propose during detail design stage
48	Technical Specification Chapter-5 Lighting & Ventilation Page No: 49 of 261	#UNKNOWN!	There is a discrepancy between the technical specification and the Appendix-C, BOQ. As per Technical Specification Table 2 (S.No. 2) specified 40 TR VRF system for the Canteen area, whereas BOQ C2 (S.No. 3) specified 40 TR (1+3) VRF system for Main Gate Complex with Security Office and Canteen building. Please clarify and confirm the scope of VRF system locations and Capacities.	1 No. of 40 TR VRF system - Main Gate Complex with security office 3 Nos. of 40 TR VRF system - Canteen
49	NIT CI No: 1.6.4.8 Emergency Power Supply System (EPSS) Page No: 70 of 189	Emergency power supply for all other units & Pump Houses are planned from Centralized DG system near to MRSS building. 2Nos. 1000 kVA, DG sets has been considered and the same is located near to MRSS	As per NIT, DG Sets are proposed for 2Nos of 1000 kVA and As per Technical Specifications, DG Sets Technical Particulars are specified for 2000kVA. DG Sets Ratings are mis matching with NIT and Technical Specifications. Request to clarify and confirm the DG Sets Ratings	DG Sets are proposed for 2Nos of 1000 kVA only.



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50	Tender Document : Drawing PDF at page no 4.	LIST OF MAJOR UNITS <table><tr><td>1</td><td>CAR BODY FABRICATION AND ASSEMBLY FACILITY INCLUDING ANNEX BUILDINGS</td></tr><tr><td>2</td><td>CAR BODY INSPECTION & TESTING FACILITY</td></tr><tr><td>3</td><td>CANISTER BUILDING</td></tr><tr><td>4</td><td>DOCUMENTATION ARCHIVE CENTRE (DCA)</td></tr><tr><td>5</td><td>PAINT MATERIAL STORAGE YARD (COMPLETION)</td></tr><tr><td>6</td><td>WATER BRIDGE & OFFICE</td></tr><tr><td>7</td><td>MAIN GATE COMPLEX WITH SECURITY OFFICE</td></tr><tr><td>8</td><td>GATE COMPLEX FOR RAILWAY SIDING</td></tr><tr><td>9</td><td>FIRE STATION</td></tr><tr><td>10</td><td>WATER PUMP HOUSE & TREATMENT PLANT</td></tr><tr><td>11</td><td>WATER PUMP HOUSE & TREATMENT PLANT</td></tr><tr><td>12</td><td>MAIN RECEIVING SUBSTATION & EMERGENCY POWER SUPPLY SYSTEM</td></tr><tr><td>13</td><td>COMPRESSED AIR STATION</td></tr><tr><td>14</td><td>GAS BANK</td></tr><tr><td>15</td><td>NO. 1000</td></tr><tr><td>16</td><td>PAINT BRISTLE</td></tr><tr><td>17</td><td>TRANSFORMER</td></tr></table> AREA DETAILS <table><tr><td>PLANT BOUNDARY</td><td>147 M X 100 M</td></tr><tr><td>REQUIRED OPENING</td><td>10 M X 10 M</td></tr><tr><td>TOTAL OPENING</td><td>10 M X 10 M</td></tr><tr><td>PROPOSED AREA</td><td>10 M X 10 M</td></tr><tr><td>PLANT BOUNDARY</td><td>147 M X 100 M</td></tr><tr><td>PROPOSED AREA</td><td>10 M X 10 M</td></tr></table> CONSTRUCTION AND MANUFACTURING (BRAHMA) RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA)	1	CAR BODY FABRICATION AND ASSEMBLY FACILITY INCLUDING ANNEX BUILDINGS	2	CAR BODY INSPECTION & TESTING FACILITY	3	CANISTER BUILDING	4	DOCUMENTATION ARCHIVE CENTRE (DCA)	5	PAINT MATERIAL STORAGE YARD (COMPLETION)	6	WATER BRIDGE & OFFICE	7	MAIN GATE COMPLEX WITH SECURITY OFFICE	8	GATE COMPLEX FOR RAILWAY SIDING	9	FIRE STATION	10	WATER PUMP HOUSE & TREATMENT PLANT	11	WATER PUMP HOUSE & TREATMENT PLANT	12	MAIN RECEIVING SUBSTATION & EMERGENCY POWER SUPPLY SYSTEM	13	COMPRESSED AIR STATION	14	GAS BANK	15	NO. 1000	16	PAINT BRISTLE	17	TRANSFORMER	PLANT BOUNDARY	147 M X 100 M	REQUIRED OPENING	10 M X 10 M	TOTAL OPENING	10 M X 10 M	PROPOSED AREA	10 M X 10 M	PLANT BOUNDARY	147 M X 100 M	PROPOSED AREA	10 M X 10 M	As per the approved Master Plan, the project consists of seventeen (17) major building units, and corresponding drawings are required for complete engineering review and coordination. However, as per the tender documents received, drawings for only ten (10) buildings have been provided, while drawings for the remaining seven (7) buildings are currently unavailable. Due to the absence of these drawings, a comprehensive review of the project scope, load assessment, system coordination, and design integration cannot be fully carried out. Submission of the pending seven building drawings is therefore required to ensure accurate design development and compliance with the overall project requirements.	Drawings for the Car Body Inspection and Testing Facility shall be provided. However, the drawings for the other facilities are to be proposed by the EPC contractor and get approved by BEML during the detail design stage on the basis of built up area and layout provided in the master layout.
1	CAR BODY FABRICATION AND ASSEMBLY FACILITY INCLUDING ANNEX BUILDINGS																																																	
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51	Drawings Clause: 03E Page: Layout sheet	Section drawings Clear heights (EOT crane bay, roof height) not defined.	Please confirm: Crane hook height requirement Minimum building clear height	Please refer the DWG file for facility for the required dimensions.																																														
52	Drawings	Water pump house, STP, Gas bank	Please confirm: 1. No detailed equipment layout dimensions provided 2. Confirm vendor inputs	EPC bidder is to assess and quote accordingly. The EPC contractor shall be responsible for carrying out detail design and drawings and propose for approval from BEML.																																														
53	Technical Specification Clause: 2.0 PEB Page: 15 of 261	Structural steel	Minimum thickness = 8 mm Confirm if applicable to PEB members also?	Not applicable for PEB. Minimum thickness for PEB shall be 6 mm																																														
54	Technical Specification Clause: Chapter 9, Material handling system Page No: 142 of 261	No interface details with structure	Please Confirm split of Scope for Civil vs Mechanical	EPC contractor shall be responsible for envisaging the interfaces between the Civil and Mechanical aspects of the system in the structures. The bidder to quote accordingly.																																														



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Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

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55	Technical Specification Clause: Chapters 13-15 Compressed air, gas, utilities	Routing not shown in drawings	Please Confirm Utility corridors width and Pipe rack routing	EPC bidder is to assess and quote.
56	NIT Scope of work (Annexure - 9) List of Facilities Pg. No 52 of 189	Sewage Treatment Plant (STP) Dimension: 15mx13.5m. (G) - Industrial shed.	Please confirm, in STP Building what is the clear height of the steel column at high side and low side.	Please refer the DWG file for facility for the required dimensions.
57	NIT Clause: 1.6.4.6 Water Supply and Fire Water Pump House Pg. No 68 of 189	Fire Pump Room – Roof Projection	Please confirm the roof extension for fire pump house	Please refer the DWG file for facility for the required dimensions.
58	NIT Clause: 1.6.4.9 Water Supply and Fire Water Pump House Pg. No 70 of 189	Oil free screw compressor of capacity 100 CFM with delivery pressure of 12 kg/cm ² (g). mounted on 500 litres horizontal air receiver.	Please confirm whether compressor capacity and quantity (100 CFM, 7 nos.) are fixed or can be optimized based on actual load calculations.	Quantities provided in the tender document are fixed.
59	General	Sewer & Storm	Request to provide the connection point for municipal sewer & storm water.	The one connection point for the storm water shall be to the existing nalla which is located adjacent to the entry point of the proposed plant. Another connection point shall be at eastern side of the plot near the temple for discharge of storm water into existing pond. No discharge of Sewerage to Municipal Sewer is envisaged as all generated sewer shall be treated through plant STP as it is a zero discharge plant.



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60	General	Gas Bank	Please provide the total number of point-of-use or take-off connections required for each type of gas. Kindly Specify whether the gas manifold should be semi-automatic or manual in operation. Please provide Cylinder arrangement layout / PFD of Industrial gases.	The gases shall be utilised in bay 1 and bay 3 of 1st floor of manufacturing block where the fabrication activities are envisaged. The piping layout to be accordingly assessed and quoted by the bidder.
61	General	ETP	Kindly confirm ETP is required or not.	Not Required.
62	NIT, Point B, Pg.87 of 189	Completion schedule 18 Months from the date of commencement.	we kindly request you to consider 18months for mechanical completion and another 3 (three) months for commissioning (Total 21 months)	Follow tender conditions
63	NIT, Point B, Pg.107 of 189	security deposit for the fulfilment of contract and the amount shall be 10% of the value of the contract, to be paid by the contractor	Request you to restrict it to 5% in the form of BG	Follow tender conditions
64	NIT, Point O, Pg.34 of 189	Price variation clause applicable for Cement & steel (Reinforcement bars TMT Fe500 D & structural steel) only	Please allow Price variation for labour, other materials and fuel	Follow tender conditions
65	NIT, Point C, Pg.109 of 189	Liquidated Damages and not as penalty, pay sum equal to 0.5% of the Contract sum (excluding nontendered/ extra items, if any) for every week's delay subject to maximum of 10% of the total final bill value of the Contract.	Request you to consider 0.5% per week and maximum up to 5%	Follow tender conditions
66	NIT, Point 3, Pg.140 of 189	Force Majeure	We seek inclusion of pandemic events under this clause	Follow tender conditions
67	NIT, Point M, Pg.33 of 189	Mobilization Advance: Interest bearing recoverable Mobilisation Advance shall be paid to the Supplier(if requested by him) up to 10% of Contract Value	Request you to consider Interest free Mobilization advance	Follow tender conditions
68	General	Land for Site Infrastructures	It is requested to confirm land for following to be provided by BEML till project completion without any charges:- 1. Land of Site Office, Storage etc 2. Land for Batching Plant & fabrication yard 3. Labour Camp	Yes. However, land requirement shall be discussed with BEML after award of work. It will be allocated based on the availability.



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69	NIT, Cl.1.5.1a, Pg.124 of 189	Soil investigation and geotechnical report available with BEML is also enclosed with this tender (Report) which is a preliminary investigation carried out for DPR preparation.	Please provide Soil investigation and geotechnical report	Download link is published along with the tender document.
70	NIT, Pont BB, Pg.135 of 189	Power	Request you to confirm the Tariff charges	The prevailing tariff of Madhya Pradesh Vidyut Vitaran Company applicable during the period of execution shall be chargeable. In case of multiple users, fixed charges applicable shall be proportionately distributed as per consumption.
71	NIT, Pont AA, Pg.134 of 189	Water	Since Borewell is allowed, we prefer to go with borewell option.	Yes, the contractor has the option to go for borewell, however, obtaining necessary permissions (if required) shall be the sole responsibility of the EPC contractor.
72	NIT, Cl. J.2, Pg.117 of 189	Retention Money	We do not envisage any recovery against retention money from our RA bills	Retention from running account bill can be on account of non fulfilment of statutory obligations and/or defective works requiring rework/rectification as may be applicable.
73	Technical Specifications Page No. 51 of 261	5.2 Air-cooled Package Unit	Air-cooled Package Unit specified in Technical specifications. Kindly confirm the location of this facility	Air-cooled Package Unit AC is not envisaged anywhere as of now.
74	NIT document Page No. 187 of 189 Technical Specifications Page No. 159-165 of 261	Chapter-10 Fire Fighting Systems	Fire Fighting Sprinkler/Pipe Specifications are not available. Please provide the detailed specifications for the same	Fire fighting system is to be designed as per the NBC norms and relevant IS codes



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75	NIT document Page No. 187 of 189 Technical Specifications Page No. 167-173 of 261	Chapter-11 Water Supply Facilities	Water demand for Manufacturing area, Pump capacities and Water Supply Items are not mentioned in Technical Specifications. Kindly provide the detailed Specifications.	Please refer Scope of Work Clause 1.6.4.6 for water demand requirement. Bidder to assess pump the capacities and required water supply items accordingly and quote. Also refer pre-bid clarifications provided by BEML for further details.
76	NIT document Page No. 187 of 189 Technical Specifications Page No. 175-187 of 261	Chapter-12 Sewage Treatment Plant	Sewerage Piping & Sanitary Items are not listed in the Tender Document. Request to provide	Bidder to assess themselves and quote accordingly in compliance to relevant IS codes.
77	NIT document Page No. 67 of 189 1.6.4.2 Canteen Building	1.6.4.2 Canteen Building The canteen building is proposed to be designed with cooking area, separate preparation area, cooking area, storage for grains, washing area, hand wash area with toilets etc. adequate cooking equipment's is to be planned / procured. Kitchen Equipment's is a specialized subject, hence the cost of the same is not considered in this document. This building shall be planned with adequate number of toilets and Shower as per NBC Guidelines.	Cooking Area Exhaust System / Kitchen Extract System is not considered in our scope of work.	Cooking Area Exhaust System / Kitchen Extract System are not included in the scope, however, general exhaust fans of adequate capacity and numbers are to be provided in kitchen for proper ventilation.



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78	NIT document Page No. 71 of 189	1.6.4.10 Gas Bank Safety features include gas detection, earthing pits, fire extinguishers, and emergency access routes. The gas bank site layout provides unhindered circulation for cylinder loading/unloading and emergency response, maintaining adequate separation from other buildings. Various Industrial gases like Oxygen, Argon, AOM gas & ACM gas are required in the plant. In view of this, a gas bank has been proposed for fulfilling the requirement.	Gas bank Fire deluge system is not included in Tender & BOQ. Clarify the scope	Fire deluge system around Gas bank is required and is under the scope of EPC contractor
79	Drawings	Master Plan Layout DRG.No. MEC-I0047-01-14-D1-ZZ-ZZZ-DR-J-10100 List of Major Units S.No: 16	Railway Yard Detail drawings and Storm water system details are not provided. Kindly clarify and provide	Bidder to assess themselves and quote accordingly in compliance to specifications mentioned in NIT and relevant IS/IRS/RDSO codes.
80	NIT CI No:-1.6.2 Coach/Car Inspection & Testing facility Page No: 61 of 189	Testings specified as per Clause No:-1.6.2 for Coach/Car Inspection & Testing facility	Testing Equipments are not covered in the present scope of work. Kindly clarify	Yes, they are not covered under the scope of EPC contractor.



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81	Technical Specification Chapter-3, Landscaping & Railway Siding Page No: 31 of 261	3.1 RAILWAY SIDING: Railway siding is to be developed for running test of rakes, stabling & dispatch of coaches inline with Master Plan Layout. The total length of track (broad-gauge) is envisaged with OHE as of now. The top level of track in different stretches is to be maintained as specified. The development of siding shall include formation work to the required level, supply of all materials viz. ballast, Rail (60 Kg/m), PSC sleeper, switches, fishplates and all other accessories required for laying of rail track including providing & laying of OHE complete which shall be meeting at a level of approx. 452 from the level of testing line facility.	Kindly provide the detailed scope of work, Technical Specifications and Drawings	Scope is already mentioned in NIT. However, it is reiterated that bidder has to develop the siding including its linking to IR network at railway siding gate. The work is to be carried out in accordance with relevant IRS/RDSO codes.
82	Technical Specification Chapter-12, General Specification Page: 175 of 261	12.0 SEWAGE TREATMENT PLANT Design, engineering, construction, supply, installation, testing and commissioning of STP based on MBR technology complete with electro-mechanical works necessary equipment, interconnecting piping network etc.	STP Capacity is not specified in Technical Specifications / NIT document. Request to confirm the Capacity of STP Plant	STP shall be of minimum 200 KLD capacity, however, based on water requirement as mentioned in NIT, bidder to assess and quote accordingly if it is exceeding.
83	Drawings	Car Body Fabrication & Assembly Line Facility	There is discrepancy in the overall layout Plan & Functional Layout Plan of Car Body Fabrication & Assembly Facility. Please provide us the revised Plan of the same. Check below drawing the arrangement is varying from the overall layout plan & Functional Layout Plan. Please clarify	Referred drawings are missing. Please resubmit the query
		Car Body Fabrication & Assembly Line Facility	There is discrepancy in the Master Plan layout & Functional Layout Plan of Car Body Fabrication & Assembly Line Facility as per below drawings for Elevator (13 PAX). As per Technical Specifications Elevators Capacities are specified 20 & 15 Passengers. Request to clarify the Drawings and confirm the Elevator capacities	



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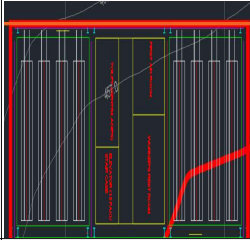
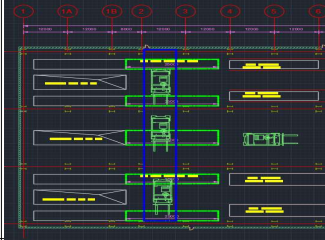
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84	Drawings			Elevator capacity shall be 15 Pax.
85	Drawings Master Plant Layout (MEC-I0047-01-14-D1-ZZ-ZZZ-DR-J-10100)	#UNKNOWN!	Based on the provided layout drawing: The battery limit is clearly demarcated by the white boundary line enclosing the internal area. The internal roads, plots, and infrastructure within this boundary fall under Bidders scope and roads outside the battery limit (peripheral roads) are not in bidders scope. Please Confirm	Boundary wall of the plant provided in the master layout is to be considered as battery limit
86	Drawings	Hydraulic Lift Cut-outs shown in Car body Fabrication Assembly line facility AutoCAD Drawing	Hydraulic Lifts are not covered in the present scope of work. Kindly clarify	Yes, Hydraulic lifts are not covered under the scope of EPC contractor
87	Dispatch Railway Track	Permissible curve for Track	In the approved BEML drawing, the approach curve has been designed as a compound curve with a 150 m radius. However, as per Railway standards and SOD requirements, the minimum permissible radius is 175 m (10° curve). Please clarify.	Curve with 150m radius has been provided as per the space availability for accommodating the required number of tracks for stabling, running test and dispatch. For achieving this radius, certain engineering adjustments would be needed including speed restrictions. The bidder to quote as per the curve provided. However, during detail engineering, if there is a possibility to accommodate bigger radius, the same shall be welcome by BEML.
88		Site Plan	Kindly provide if any specific gradient to be followed for the dispatch railway track for this project.	Gradient to be followed as per IR standards.



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89			The depot alignment has been designed with a ruling gradient of 1 in 140 and an 11° curve, without considering grade compensation. After applying the required grade compensation for the curve, the effective gradient reduces to approximately 1 in 190 for the 10° curve section, while the corresponding ruling gradient becomes approximately 1 in 170. Please confirm whether the proposed alignment is acceptable from the operational and design perspective.	Whatever engineering adjustments are required the same is deemed to be part of the scope and bidder to consider this aspect and quote accordingly.
90			The Inspection and Testing Bay 200 m long combination of Broad Gauge and Standard Gauge tracks mentioned in the scope of work with an offset of 50 m from the bay end. In this arrangement, it is not clear how the metro coaches will be positioned for inspection, transferred to the traverser, and subsequently moved to the dispatch location. Kindly clarify the proposed operational methodology and movement scheme for metro coaches within the Inspection and Testing Bay. Kindly confirm whether the take-off location from main line and nearest railway station.	After the coaches are ready for inspection, they will be moved to the inspection and testing bay from the Northern end with the help of 2 Nos. of AGV's working in tandem, the coaches are placed on the track with the help of lifting jack mechanism. The same process shall be followed for moving of inspected coaches from the bay and placing them on outside track. In case, metro coaches are to be directly dispatched, they shall be loaded on hydraulic trailer with the help of mobile crane to dispatch by road.
91			Loading & unloading and receiving raw material area/locations are not shown in the master plan, please clarify.	The drawings are conceptual in nature, the bidder needs to assess and finalize it as per functional requirement.
92			If metro coaches are proposed to be transported within the depot by road, the road widths indicated in the Master Plan do not appear to be adequate for the movement of coach-carrying trailers/trolleys. Kindly review and confirm the road width requirements.	7m wide carriageway is proposed for the movement of coach-carrying trailers/trolleys.
93			There is no crane facility in near dispatch track, please clarify.	Yes



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94			In the Technical Specifications, the track gauge is specified as Broad Gauge. However, the Scope of Work document indicates a combination of Standard Gauge and Broad Gauge tracks within the inspection pit area. Kindly clarify the applicable track gauge configuration.	The track gauge configuration shall be of combination track of both Standard Gauge and Broad Gauge tracks. Two rows of structural columns of suitable size and load carrying capacity are envisaged out of which one row of pedestals will be use for laying single length of rail and other row of pedestal shall be used for laying 2 row of rails one suiting to broad gauge and another to standard gauge requirements.
95	Master Plan Layout Drawing- Car body fabrication & Assembly facility NIT document: page no. 54, 57	Inspection pit/Track layout	The Master Plan (Cad & PDF) indicates 4 no's of throughout tracks (Broad Gauge & Standard Gauge) with 8 Nos of inspection pits of 50m length at northern side and additionally dispatch track of 50 m at south east corner , whereas the detailed drawings and tender documents indicates 4 Nos of inspection pits of 50m length at northern side. Please clarify.	Detailed drawings and tender documents indicating 4 Nos of inspection pits of 50m length at northern side are to be followed.
96		Battery limit	Kindly confirm battery limit of current scope within the plot boundary and share updated Master Plan for better clarity.	Plant boundary of area 148 Acres is to be considered as battery limit.
97		Site Plan	What are the expected functions of a railway yard area, and what services should be accommodated within it?	Expected functions of railway yard includes running test, stabling & dispatch of coaches.
98		Site Plan	Kindly provide Parking Scope Clarification, since parking facility is not given in Master Plan.	No parking facility is under the scope of work.
99		Site Plan	Kindly confirm the scope of EV charging provisions.	No EV charging provisions are envisaged



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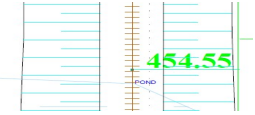
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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
100		Drawings not available	Kindly provide Drawings & Cad files for following buildings: 1) Car body inspection and testing line 2) Compressed air station 3) weigh bridge and office 4) EPSS 5) RO Plant 6) Raw Material Storage Yard 7) Railway yard 8) Water Supply Pump House & Fire Water Pump House & Sump 9) Traverser details	Drawings for the Car Body Inspection and Testing Facility shall be provided. However, the drawings for the other facilities are to be proposed by the EPC contractor and get approved by BEML during the detail design stage on the basis of built up area and layout provided in the master layout.
101	Master Plan Layout	Formation level	Kindly provide us with formation slope as in master layout formation slope is marked. 	The formation slope indicated in the master layout is only conceptual and the same is to be decided in consideration to the limiting conditions and relevant codes and standards.
102	Master Plan Layout	Demolition Plan	There is existing foot path road shown in Masterplan, kindly confirm scope for demolition of existing foot path road. 	The existing foot path is earthen footpath only which may get excavated/ backfilled depending on its location under site development activates
103		Boundary wall scope	Kindly provide us with the scope of boundary wall and provide us with the type/material of wall need to be considered.	Construction of peripheral boundary wall by BEML is under final stage of completion however, Boundary wall inside plant is in the scope of EPC tender.
104		Shop Driveway	Shop driveway is indicated in the Master Plan. Kindly provide the details and loading for shop driveway.	Carriage width of the shop driveway shall be 4m. The loading shall comply with Class A as per IRC
105		Bid Submittals	We presume that no design submittals will be part of bid submittal.	Yes



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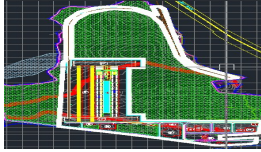
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106		Missing spaces and their scope	Kindly clarify whether the Fire Control & Command Centre is incorporated in fire station or a separate provision to be provided.	Fire Control & Command Centre is incorporated in fire station
107		Missing spaces and their scope	Kindly confirm the location of the following as per requirement and clarify whether room is sufficient or it needs separate Building. •IBMS Room •Signal & Telecommunication Room	IBMS, Signal and Telecommunication room shall be housed in one of the annexe office unit.
108	BOQ PRICE A.Land & Site development	1. RCC Road 2 Storm water drainage system* 3 Sewerage system excluding STP* 4 RCC service trench*	We presume that our scope of work is limited to the white colour boundary marked in Auto cad drawing any other works outside the boundary will not be in our scope.	Plant boundary has been clearly marked in the master layout. Please refer the legend. The scope includes all the works covered under the perimeter of plant boundary. The area within the plant boundary is 148 acres.
109	BOQ PRICE B Civil & Structural Works	12 Rain Water Harvesting - 1-lot	We presume that our scope of work for rain water harvesting is limited to the white colour boundary marked in Auto cad drawing. 	Rainwater harvesting shall include all the facilities and infrastructure proposed within the pant boundary
110		Peripheral road.	Kindly confirm the scope of peripheral road.	A peripheral road of 4m wide carriageway is envisaged for the proposed plant.
111	NIT document 1.4.1 Statutory Approvals:-page no. 43	1. Before physical commencement of project construction work (BEML's Responsibility) (i) EC & CTE (ii) Building permission (iii) Building plan & site layout approval (iv) Fire NOC (v) Registration on Shram Suvidha Portal/ Madhya Pradesh Shram Seva Portal	Since these statutory approvals are already obtained, kindly share it with the bidder so that we can consider the requirements in our bid.	The scope of statutory approvals are clearly defined in the NIT. Kindly refer Page no. 43.



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112		Elevation Drawings	Kindly provide Elevation Drawing for the following Buildings: 1) Canteen Building 2) Occupational Health Centre 3) Fire station 4) STP 5) Raw material storage yard	Please refer the available drawings provided in the tender and quote accordingly.
113		3D View	Kindly provide 3D View for the following Buildings: 1) Canteen Building 2) Occupational Health Centre 3) Fire station	Please refer the available drawings provided in the tender and quote accordingly.
114		Roof Plan	Kindly provide roof plan for following buildings: 1) Canteen Building 2) Occupational Health Centre 3) Fire station	Please refer the available drawings provided in the tender and quote accordingly.
115		Door and Window Schedule	Kindly provide Door Window schedule along with tags for all buildings.	EPC bidder to decide and quote accordingly by referring the technical specification provided and relevant IS codes.
116	NIT-6300040573-1.5.3 Construction scope Civil & Structural works pertaining_ page no. 46	Signage installation of "BEML" Logo/signage of appropriate size at the entrance of the plant and other various locations inside the plant and offices.	We presume that only External directional signages and internal fire signages will be in our scope. Kindly confirm. Kindly specify the sizes & design of the logo.	It should be commensurate with the facility/ building where it is proposed. At open location, it should be of standard size and should be visible from required distance.



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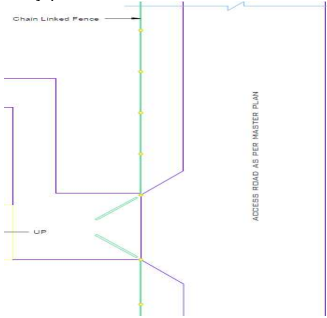
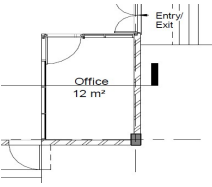
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117	Drawings PDF_c-Gas Bank_page no.19	Gas Bank	Kindly provide the extent and details of Chain link fencing in 	The chain link fence shall be of 2.4m height from the finished ground levels. Chain link mesh shall be woven from hot-dip galvanized steel wire of thickness 4mm minimum with mesh size of 50mmx50mm diamond pattern. Posts shall be (3m c/c) made of galvanized MS angle of size 65mmx65mmx6mm embedded in cement concrete blocks (450mmx450mmx450mm). The galvanized iron wire of 2mm thickness shall be provided at top, bottom and middle location to keep it in stretched condition (tension). Three rows of GI barbed wire weighing 9.38 Kg/100m at the top of the fence on outward inclined arms (600mm). Every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only.
118	Master Plan Layout Drawings PDF_c- Main gate complex with security office page no.16	Main gate with security office drawing mismatch.	There is mismatch in orientation of Main gate with security office in Masterplan and Main gate drawing, Kindly confirm which one to follow.	Location of Main gate with security office shall be as per Master plan however, for detailing follow the main gate drawing.
119	Drawings PDF_c- Main Receiving Substation (MRSS)_page no.20	Main Receiving Substation (MRSS)	 As this is MRSS building we presume this will be masonry wall for office area.	Yes



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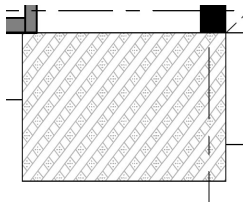
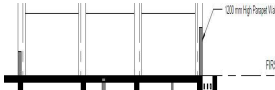
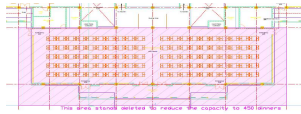
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120	Drawings PDF_c-Fire Station-Foyer area_ page no. 18	Fire Station-Foyer area	 Foyer area entrance area is not clear there is a hatch area shown. Kindly clarify.	The hatch area shown is platform area at the entrance
121	Drawings PDF_c-Fire Station-Foyer area_ page no. 18	Fire Station	 With Reference to Section YY, there are two different height of parapet wall is shown as 1200mm and 600 mm there appears to be a discrepancy in the parapet	Front parapet of 1200mm is given from architectural point of view
122	Drawings PDF_c-Canteen Building page no.13	Canteen Building	 We understand that dining area for BEML contract employees is to be removed, kindly confirm.	Yes



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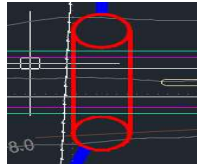
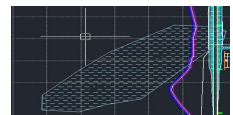
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123	Master Plan Layout	Gate or Building	 There is a structure indicated at the entrance in the Master plan drawing. Kindly clarify whether it is a gate or building and provide relevant details	The structure provided is a sliding gate
124	Drawings PDF_c- Occupational Health Centre-page no.14	Ambulance Parking room requirement	Ambulance parking enclosed area is given in OHC layout. Kindly confirm the requirement of enclosed area for ambulance parking. 	Yes, required.
125	Master layout cum Contoured	Proposed railway track Scope	Proposed railway track is going outside the plot boundary on the north side and connecting the main railway line. Kindly confirm the scope and connection details.	The scope is limited to laying P Way line within Plant boundary. P way line beyond the plant boundary is not in the scope of EPC contractor
126	master layout cum Contoured	Existing Pond Scope	 We presume filling of pond is not in bidders scope. Kindly confirm	The part of pond which is inside the perimeter wall is to be filled up by the EPC contractor as per the work requirements.
127	NIT- 6300040573_page no. 70	1.6.4.7 Main Receiving Substation (MRSS) : A Satellite office building is also integrated with this MRSS building.	Kindly provide us with the details and drawings of Satellite office building along with its area.	Satellite office building is located inside the MRSS building. Please refer the facility drawing
128	NIT-6300040573 1.6.4.2 Canteen Building page no. 67	Kitchen Equipment's is a specialized subject, hence the cost of the same is not considered in this document.	We understand kitchen equipment is not in scope. Kindly confirm.	Yes. The kitchen equipment is not in the scope of EPC contractor.



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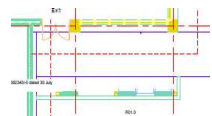
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129	Drawings PDF_c- Canteen Building page no.13	Canteen Complex Pergola detail	 Kindly provide with the details of Entrance Porch, Canteen Entry & Executive Entry for canteen complex.	Please refer the available drawings provided in the tender. EPC bidder to assess and quote accordingly.
130	Drawings PDF_c- Canteen Building page no.13	Canteen Complex kitchen detail	 Kindly provide detail kitchen layout in canteen complex for MEP services.	Please refer the available drawings provided in the tender. EPC bidder to assess and quote accordingly.
131	Drawings PDF_c- Canteen Building page no.13	Canteen Building	Kindly provide us with the details of Entrance area for the canteen building.	Please refer the available drawings provided in the tender. EPC bidder to assess and quote accordingly.
132	Drawings PDF_c- Canteen Building page no.13	Canteen Building	 Kindly confirm the wall type to be considered as the plan shows double walls .	The referred area has already been omitted. Only single walls are provided in the canteen building.
133	Master Plan Layout NIT document pg. no. 58	Annex building	In NIT document, there are given 6 numbers of annex building count but in master plan there are shown 10 numbers of annex buildings, kindly confirm the count of the annex building	Please refer the annex building drawings for total numbers and detailing.



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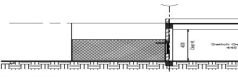
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134	Drawings PDF_c	Furniture	Kindly provide furniture layouts of the following Buildings: 1. Main gate complex with security office 2. Gate complex for Railway sliding 3. MRSS 4. Water and fire Pump house Building 5. Weigh bridge office 6. Raw material storage yard	EPC bidder to assess and quote accordingly.
135	Drawings PDF_c_page no. 16 & 17	Gate Details	Kindly provide us with the Gate details of Main Gate Complex with Security office & Gate Complex at Railway Siding.	The gate for both Main Gate Complex with Security office & Gate Complex at Railway Siding shall be of sliding gate
136	Master Plan Layout	Ambulance parking drawing discrepancy	 In the Medical Centre drawing, the ambulance is located in front of Medical centre building, but in Master Plan it is located to the right side of Medical centre. Kindly address the discrepancy and confirm the exact location.	Location of occupation health centre shall be as per Master plan however, for detailing follow the occupation health centre drawing.
137	Drawings PDF_c- Main Receiving Substation (MRSS)_page no.20	Main Receiving Substation - MRSS (Fence Details)	 In MRSS building, It is observed that a fence is indicated in the section YY drawing, however the same is not reflected in the plan. Kindly confirm	Please refer details of MRSS building in the MRSS facility drawing provided separately.
138	Drawings PDF_c-Fire staircase floor plan_page no. 11	Fire staircase floor plan	There are no windows given in Fire staircase floor plan. Kindly confirm the requirement of windows for Fire staircase in Annex Building.	Yes windows are required. Bidder to assess as per applicable building norms and quote accordingly.



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
139		Schedule of finishing	Kindly provide schedule of finishes of all buildings in the layout. As the given schedule of finishes is not given building wise.	Though the finishes for individual buildings have not been mentioned explicitly, however, general external and internal finishes have been mentioned for technological and non-technological buildings. Bidder to quote accordingly.
140		False ceiling requirement	Kindly provide us with the type of false ceiling to be used in buildings and the rooms where it is applicable.	Wherever VRF type of air conditioning system is envisaged, combination of both perforated metal and gypsum board false ceiling are proposed. For rest of the places, perforated metal false ceiling may be followed.
141		Interior scope	Kindly confirm the scope of interior finishes and provide us with detail interior drawings.	Floor finish, wall and ceiling finish have already been provided in tender specifications. List of furnitures are also provided in the NIT. Door and windows details have also been mentioned. Detail interior drawings are not available and bidder to asses and quote accordingly.
142	Technical Specification = Section 4.3.3 / Page # 39 Tender Drawings-All Blocks	Window Schedule with Typology	As per the Technical Specifications, Aluminum Sliding Windows (3-Track, 3-Shutter, 2-Glass + 1-Mesh) have been specified. However, the Tender Drawings for various blocks indicate different window typologies, such as Fixed Casement Windows, Side-Hung + Fixed Casement Combinations, Louver + Fixed Window Combinations, Louver Windows, etc. Kindly provide the window schedule indicating the respective window typologies for all blocks.	Wherever type of windows can be identified from drawings, the same to be followed.
143	Drawing # 03E (Car Manufacturing Block); MEC-I0047-01-48-D1-XX-16-DR-A-01100 (Gas Bank); etc.	Ridge Details between two adjacent roof slopes	The ridge detail between the two adjacent metal roof slopes has not been shown in the tender drawings. Kindly confirm the proposed ridge arrangement and provide the relevant technical specifications, detailed drawings, and material specifications for the same.	Ridge has to be of matching profile to be merges with the roof sheet.



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144	All Blocks	Fixed & Movable Ladders for maintenance	Kindly confirm the block-wise ladders specific requirement for façade/roof maintenance purposes, including both fixed and movable ladders. Also, please provide the relevant technical specifications, and material specifications for the proposed ladder systems.	EPC bidder to assess the requirement of type, location and numbers of the ladders and stair cases required for the ease of maintenance and operation. Please refer the scope of work of manufacturing block wherein it is clearly specified that the EPC contractor has to provide an easy and convenient access to the roof top for maintenance purpose with weather resistant railings. Similar arrangements is to be provided for Inspection and Testing block as well.
145			Please Provide Levels and demarcations of roads, gate, trees. Existing Building levels, Compound wall and Retaining Wall.	Please refer the scope of work and master layout for levels and demarcation details
146			Please to provide Hardscape finishing material schedule along with specification.	In general, the hardscape finishing shall be in their natural cement concrete finish. However, owing to functional requirement, these may be required to be painted with in-specific pattern like zebra crossing, lane divider marking, shoulder marking, etc.
147			Please to provide clarity on preservation of existing landscape elements if any so as to retain this, survey data sustainability report is required.	As the plot is a barren rocky piece of land, no preservation of top soil is contemplated. The areas where no construction is envisaged / no levelling or grading of land is envisaged for meeting the project requirement, existing landscape can be maintained.
148			Please clarify scope of work for preservation and transplantation of trees. Please share the details for tree to be planted against cut and transplantation.	No preservation or transplantation of trees is envisaged.
149			Please share the details of the pond with the boundary	Bidder is required to visit the site and get themselves acquainted with the existing topography and conditions of site and quote accordingly. Also, refer the topographic survey report enclosed in the NIT.
150		Project rating	Is Griha version 2019 - to be considered, with 3 star rating (points between 56- 70) for certification.	Yes, 3 Star Rating should be in compliance with GRIHA version 2019



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
151	Description of facilities/ 5.2.2 GREEN RATING SYSTEM	Appointment of Consultancy	We assume GRIHA certification will be in Client scope.	Compliance as per GRIHA norms and obtaining approval and certification for minimum 3 Star, Green Building Rating for specific buildings/blocks from GRIHA Council, etc. are under the scope of EPC contractor. The applicable statutory fee for the same shall be reimbursed by BEML upon submission of fee receipt. Please refer Clause 1.4.1 in NIT for further details
152	3.4.4. LABORATORY TESTING	Fertility of soil	Shared Soil report doesn't show value for soil fertility. Please share ICAR-accredited laboratory report if available for fertility of soil. The soil investigation report provided consist of only 5 bore hole detail, Request you to kindly provide a detailed soil investigation report for design purpose.	Available soil investigation reports have already shared with the tender document. EPC bidder may carryout their own field & soil investigation for design purpose.
153	Chapter 1, Civil Work, Clause 1.2.B. Wind Load & Chapter-2, Structural Steel Works Clause 2.9 Wind Load	Structures will be designed for Basic wind speed (Vb) of 47 m/sec. Terrain Category 1 shall be considered. . & The Maximum Basic Wind speed shall be 39 m/s. Terrain Category 2 shall be used for Design.	Kindly clarify the correct Basic Wind Speed and Terrain Category to be considered for design and bidding purpose.	Basic wind speed of 39m/s and terrain category 1 to be adopted for both building and steel structures as per latest version of IS:875 (Part 3).
154	Chapter 1, Civil Work, Clause 1.2.J (Load Combinations)	Combination of loads shall be as per IS:875 (Part-5)-1987 and IS:1983(Part-4)-2016. For Limit state of Collapse and Limit state of serviceability load combinations shall be as per IS: 456-2000. Crane load combination shall be as per IS:875(Part-2)-1987.	The tender document specifies load combinations as per IS 875 (Part-5):1987 and IS:1983 (Part-4):2016. Kindly clarify whether the referred code "IS:1983 (Part-4):2016" is a typographical error and should be read as IS 1893 (Part-4):2016. Please confirm the correct code reference to be adopted for structural design and load combinations.	IS 1893 (Part-4):2016 to be followed.



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02-07-2026

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Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
155	Chapter 1, Civil Work, Clause 1.3-7 (Fire)	Minimum requirements of concrete cover and member dimensions for normal-weight aggregate concrete members have to ensure a fire resistance of 2.0 hours as per IS 456-2000.	It is mentioned that structure or structural element required to have fire resistance. Concrete covers in RCC structure shall be adopted for 2 hours Fire rating. Please confirm whether steel structure require Fire rating of 2 hours or shall be considered as per NBC.	Fire safety norms as provided in NBC may be followed for steel structures
156	Chapter-2, Structural Steel Works, Clause 2.0	The thickness of structural elements will not be less than 8mm (except for webs of rolled sections and the gutter).	Kindly clarify and confirm whether rolled hollow pipe & tube sections may also be excluded from the minimum 8 mm thickness requirement.	Allowed to use subject to design validation.
157	Drawing No.CCPL/1388/topo/02	Benchmark Detail	A level difference of approximately 16-17 m has been observed across the site. During cutting, filling, or levelling works, any excess may lead to an increase in foundation costs and shall be duly considered to ensure that foundations are not resting on filled ground.	Bidders are required to assess the site condition thoroughly for any variations in site conditions before quoting.
158	Sample Calculation for shallow Foundation	FOUNDATION SYSTEM RECOMMENDATION The suggested safe bearing pressure of different sizes of footings when placed at 0.6m to 1.0m below the existing ground level may be taken as 40 t/m ²	As per sample calculation the qs (Safe Bearing Pressure) is 440 t/m ² . "qs = qcNj = 4400.0 x 0.1 = 440.0 t/m ² [Refer IS:12070-1987] where qs = Safe bearing pressure (gross), qc = average unconfined compressive strength of rock cores Nj = empirical coefficient depending on the spacing of discontinuities = 0.1 (Table 4 of IS:12070-1987)", Please confirm SBC to be considered 40t/m ² or 440t/m ² .	The suggested SBC given (i.e. 40t/m ²) in Tender is only for reference and quoting purpose. However, it is upto the bidder to carryout fresh soil investigation studies for ascertaining the SBC value.
159		General	Please provide the dynamic load factors and maximum expected axle loads for the Vande Bharat and Metro coaches to be tested as this is critical for designing the reinforced concrete (RCC) floor and ensuring it can withstand peak vibration during high-speed rolling tests.	Axle load maybe considered as 17T for the Vande Bharat as well as Metro coaches.



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160		General	Provide the layout for the Multi-Axial Fatigue Testing rigs. We need to know the depth and reinforcement requirements for the anchor plates and if specific "vibration-isolated" foundations are required to prevent structural resonance in the rest of the bay.	"Provide the layout for the Multi-Axial Fatigue Testing rigs", un-connected query. Normally vibration isolation pads are supplied by machine manufacture themselves along with machine. In addition methodologies commonly exercised in construction for preventing transmission of vibration from machine foundation to adjacent structure maybe required to put in place, the detail of which shall be shared when machine is procured during the course of execution.
161		General	Please clarify the dimensions and drainage requirements for under-slung inspection pits. what are the specific requirements for oil-water separators in the connected drainage system?	Please refer scope of work Clause 1.6.1 and 1.6.2 where in Inspection pit dimension in manufacturing bays and testing bays have been described.
162		General	For an economical design, can the longitudinal column spacing of the Car Body Fabrication and Assembly Building to be reduced from 12 m to 6 m or 8 m?. Also kindly confirm whether the 24m span can be reduced as well.	24m span cannot be changed, however the spacing of columns in longitudinal direction may be reduced maximum upto 8m with no compromise in functional requirement.
163	Chapter 1, Civil Work, Clause 1.2.C. Seismic Load	Seismic load shall be considered as per zone-II of latest IS Code, i.e., IS:1893-Part 4.	Kindly clarify whether IS 1893 (Part 4) shall be considered for the Car Body Fabrication and Assembly Building, and IS 1893 (Part 1) shall be considered for the miscellaneous buildings such as the Main Gate, MRSS Building, Fire Station Building, Gas Bank, and other ancillary structures. Please confirm the applicable seismic design code for each structure.	For industrial structures IS 1893 (Part 4) to be followed for the rest IS 1893 (Part 1) to be followed.
164		33 kV source tap-off point location.	Please provide 33 kV source tap-off point location.	The tap-off point is near to the entry gate of the plant.
165		Spare Feeders.	As per general practice, 20% spares shall be provided in all LT (415V) distribution panels. Please confirm.	Confirmed.



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166	MRSS Layout - MEC-I0047-01-48-D1-XX-14-DR-A-01100	Space provision	Provision has been made for a 33 kV HT metering cubicle at the MRSS, which was missing in the provided layout.	The meter room is shown in the MRSS layout drawing.
167	Master Layout	Cable routing through the road.	All cables from the MRS to the CSS and from the CSS to individual buildings are routed through the trench along the road. Please confirm on which side the electrical cables should be routed. What are the other services in the road.	It is upto the bidder to plan the routing of electrical cables on the side of the road. Other services in the road are IT & Communication cable, control cables, water supply pipelines, gas pipelines and firefighting pipes.
168	Master Layout	HSD Tank	Please provide the HSD tank location.	The HSD tank may be located adjacent to the MRSS building in the same premises.
169	Master Layout	Street light installation	Street lights on the median of the road shall be installed at a spacing of 12 m and a mounting height of 7 m. Please confirm.	Please follow codal provisions to have the required lux level on road.
170	Technical Specification - Page 107 Of 261.	Wiring System.	As per the specifications, all wiring shall be carried out in concealed conduits, irrespective of the type of room. PVC conduits shall be used for concealed wiring. Please confirm.	Confirmed.
171	Description of Facilities	DG Capacity	As per the Description of Facilities (Page 219), the emergency load is 3000 kVA (2400 kW) with DG provision of 3 × 750 kVA (all operating). However, the latest specification indicates a DG capacity of 2000 kVA. Please confirm the final DG capacity.	The Final DG capacity shall be 2 X 1000 kVA
172	Technical Specification - Page 93 Of 261.	Emergency Power	Please confirm the redundancy requirements for the DG system.	The referred page no. in technical specification deals with UPS and not DG. However, redundancy for DG systems is 100%. (1 No. working and 1 No. Stand by). Redundancy of UPS is also mentioned at the referred page.
173	Technical specification	CCTV SYSTEM	The description of CCTV system is not given in the Technical specification document but the integration with IBMS is mention please give clarification on this.	CCTV storage backup should be for 3-months.CCTV is required along the perimeter boundary wall, Warehouse, Entry and Exit points of Manufacturing and testing Blocks, All four gate complexes, all road crossings and corners.



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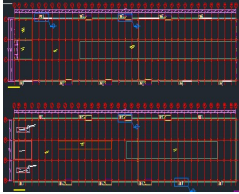
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174		ACS SYSTEM	Kindly confirm the total number of access-controlled doors to be provided under the scope.	ACS shall be provided at main entry gate. In addition ACS shall also be installed at the entrance of Testing bay, substation and control room and all safety critical locations including IT server room. ACS is not envisaged in manufacturing block. The number of doors can be accessed by the EPC bidder accordingly.
175		UPS REQUIREMENT	confirm whether UPS-backed power supply points shall be provided by the electrical scope	Yes, Confirmed
176			Confirm the installation locations requirement of X-ray baggage scanners	X-ray baggage scanners are not in the scope.
177	CAR BODY FABRICATION AND ASSEMBLY FACILITY WITH ANNEX BUILDING	Intg_Manufacturing Block with Annex - Gr.Floor and PLAN AT +18750 LVL Plan 	In the DWG reference drawings, the annex building drawings for the following grid locations appear to be missing: Grid 6–8 Grid 12–14 Grid 18–20 Kindly provide the detailed reference drawings for the annex buildings located within the above-mentioned grids. Alternatively, please confirm whether DWG 03G should be considered as the reference drawing for all annex buildings in these locations.	Yes, DWG 03G should be considered reference drawing for all the annex buildings
178		Chapter 13 : Compressed Air Facilities	Please provide Schematic Drg (P&ID) for compressor Air requirement	Compressed air requirement is needed only for Manufacturing and Testing Block. A total of 5 working screw compressor has been envisaged, 4 Nos. for Manufacturing block and 1 No. for testing block. Additional 2 Nos. of screw compressor shall be used as stand by. The location of its requirement inside the blocks are specified at Clause no. 1.6.4.9 in NIT Page No. 70.



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179			Please Provide detailed layouts for Compressed Air station along with distribution in multiple buildings.	Compressed air requirement is needed only for Manufacturing and Testing Block. A total of 5 working screw compressor has been envisaged, 4 Nos. for Manufacturing block and 1 No. for testing block. Additional 2 Nos. of screw compressor shall be used as stand by. The location of its requirement inside the blocks are specified at Clause no. 1.6.4.9 in NIT Page No. 70.
180		Chapter 15 : Industrial Gases	Please provide Schematic Drg (P&ID) for Industrial Gas system requirement	The gas requirement is needed on first floor of each manufacturing bay, take-off point shall be at every alternate column. This will be provided on both rows of columns of the bay. The system shall ensure continuous, safe and regulated supply of gases in manufacturing bays.
181			Please Provide detailed layouts for Industrial Gas distribution in multiple buildings.	The gas requirement is needed on first floor of each manufacturing bay, take-off point shall be at every alternate column. This will be provided on both rows of columns of the bay. The system shall ensure continuous, safe and regulated supply of gases in manufacturing bays.
182	General	AutoCAD drawings	Kindly provide PHE services External & internal layouts and schematics in CAD format if available.	Not available.
183	STP	TECHNICAL SPECIFICATION (page no 167)	There is a discrepancy between the water demand and the STP capacity. In the STP layout, the STP capacity is shown as 100 KLD, whereas as per the water demand calculation (Page No. 167), the required STP capacity is approximately 270 KLD. Kindly review and confirm the size of STP.	Please refer Scope of Work Clause 1.6.4.6 for correct water demand requirement.



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184	TECHNICAL SPECIFICATION (Water distribution page-169)	For water distribution mansion MS / CS / Galv. Pipes	Kindly confirm whether the MS / CS / Galv. pipe material will be used for the internal and external domestic water supply system and the irrigation water supply system.	For water supply system, DI pipes to be used upto 100mm NB and GI pipes below this diameter upto the building/ facility outer face. Beyond that, uPVC pipe to be used for feeding to overhead tank. Supply line from tank for all internal/ concealed piping uPVC/CPVC pipes are to be used based on cold and hot water system respectively.
185	STP	STP treated water	Kindly confirm the intended use of the STP treated water. Will it be utilized for flushing, irrigation, or both purposes?	STP treated water will be utilized only for irrigation purpose.
186	NIT and TECHNICAL SPECIFICATION	Break-up of Water Requirement In NIT page no- 69 and Technical specification page no- 168 NIT document	There is a discrepancy in the Break-up of Water Requirement. Kindly confirm which water demand figures should be considered and followed for this project.	Please refer Scope of Work Clause 1.6.4.6 for correct water demand requirement.
187		Technical specification		Please refer Scope of Work Clause 1.6.4.6 for correct water demand requirement.
188	General	ETP	Kindly confirm ETP is required or not.	ETP is not required.
189	General	Water Supply, sewer & storm water	Kindly provide the connection points for the municipal water supply tapping, sewer connection (to be used during STP maintenance), and storm water drainage connection.	There is no municipal sewer line nearby. Therefore, the bidder has to envisage alternative measures/ facility to divert/ bypass sewage on temporary basis for carrying out STP maintenance. This has to be taken care during STP design. The one connection point for the storm water shall be to the existing nalla which is located adjacent to the entry point of the proposed plant. Another connection point shall be at eastern side of the plot near the temple for discharge of storm water into existing pond.
190	PHE	WWTP	Please confirm whether any process water is required for the project. WWTP requirement if any Kindly confirm	Process water is required at water leakage for which RO facility has been envisaged.
191	PHE	Water requirement for HVAC System	Please confirm whether any water requirement for the HVAC system is to be considered for this project.	No requirement for HVAC system is envisaged.
192	General	NOC	Kindly provide the provisional Fire NOC, if available.	Fire NOC is in process.
193	General	AutoCAD drawings	Kindly provide FF services External & internal layouts and schematics in CAD format if available.	Not available, bidder to workout on their own and quote.



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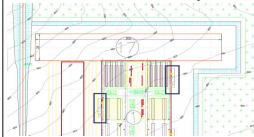
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194	TECHNICAL SPECIFICATION	As per the technical specification on Page No. 161, the following pumps are indicated. <table><tr><th>Sl NO</th><th>Description</th><th>Capacity (cum/hr)</th><th>Head (mWC)</th></tr><tr><td>1</td><td>Electric Driven pump</td><td>171</td><td>88</td></tr><tr><td>2</td><td>Diesel Driven pump</td><td>171</td><td>88</td></tr><tr><td>3</td><td>Jockey pump</td><td>18</td><td>88</td></tr></table> As per the technical specification on Page No. 166, the following pumps are indicated. <table><tr><td>A)</td><td>Fire water pumps</td><td>:</td><td> 171 m³/h, Electrical driven = 3 Nos. 171 m³/h, Diesel Engine driven = 2Nos. </td></tr></table>	Sl NO	Description	Capacity (cum/hr)	Head (mWC)	1	Electric Driven pump	171	88	2	Diesel Driven pump	171	88	3	Jockey pump	18	88	A)	Fire water pumps	:	171 m³/h, Electrical driven = 3 Nos. 171 m³/h, Diesel Engine driven = 2Nos.	There is a discrepancy between Page No. 161 and Page No. 166 of the technical specifications, as different pumps numbers are indicated on these pages. Kindly confirm which pump configuration should be considered for this project.	The table at page no. 166 shall be replaced by the following table <table><tr><th>Sl NO</th><th>Description</th><th>Capacity (cum/Hr)</th><th>Head (mWC)</th><th>Qty</th></tr><tr><td>1</td><td>Electric Driven pump</td><td>171</td><td>88</td><td>3</td></tr><tr><td>2</td><td>Diesel Driven pump</td><td>171</td><td>88</td><td>2</td></tr><tr><td>3</td><td>Jockey pump</td><td>18</td><td>88</td><td>2</td></tr></table>	Sl NO	Description	Capacity (cum/Hr)	Head (mWC)	Qty	1	Electric Driven pump	171	88	3	2	Diesel Driven pump	171	88	2	3	Jockey pump	18	88	2
Sl NO	Description	Capacity (cum/hr)	Head (mWC)																																									
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3	Jockey pump	18	88	2																																								
195	Annexe Building		Kindly provide the location of annexe building in the master layout .	The location of annexe building have already been shown in the Master Layout Drawing. 																																								
196	A.5 SUFFICIENCY OF TENDER/GCC, Pg. 104 NIT, Pg. 87	Quoted rates shall also include the following: i) Working hours as per factory timings. The contractor may require to ensure working in all three shifts including Sundays and holidays (Non Deployment of a requisite number of skilled personnel as specified hereunder shall attract penalty as specified.	There is a discrepancy in the 2 clauses specified. It is bidders understanding that contractor does not have any restriction on working hours and can carry out the work accordingly. The number of labour to be deployed depends upon the contractors requirement & shall not attract any penalty. Kindly confirm.	Follow tender condition																																								



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197	N. ATTENDANCE UPON BUILDING, GCC, Pg. 125.	The contractor shall permit free access and generally afford facilities and usual convenience to other agencies and or departmental workmen to carryout works under separate arrangements. Therefore, the rates quoted by the contractor shall be deemed to include for all such costs as consequence for having to work in the circumstances described above and no claim shall in any event be entertained on this account.	We request the Client to clarify: The likely scope and extent of work to be carried out by other agencies/departmental workmen. Whether a detailed coordination schedule will be provided prior to commencement of such activities. That any substantial disruption, delay, or additional cost arising due to the activities of other agencies beyond normal coordination requirements shall be compensated separately and/or considered for extension of time, if applicable. It shall also be subject to availability of the facility & on chargeable basis. Kindly clarify and amend the clause accordingly.	Follow tender condition
198	EOT crane Layout		Kindly share the structure wise level wise EOT crane layout showing the Running length of each crane with span.	Refer DG EOT Crane description in Technical specification at Page no. 147.
199	Space for Site Establishment		We request to provide space for establishment of site offices, batching plant, shuttering yard, reinforcement yard, fabrication yard etc. free of cost inside the site premises. Also request you to kindly mention the approx. area.	The space accommodating the requested facilities shall be provided by BEML within the plant site free of cost based on availability on written request by the EPC contractor.
200	Space for Labour Colony.		We request to provide the space for labour colony free of cost inside the site premises. Also request you to kindly mention the approx. area.	The space accommodating the requested facilities shall be provided by BEML within the plant site free of cost based on availability on written request by the EPC contractor.



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201	Water & Power for construction, ITB, Pg. 97.	The Procuring Entity may supply without any obligation to do so, to the contractor part or whole of the quantity of the water and electricity required for the delivery of Services from the Procuring Entity's existing water/ electricity supply system at or near the site of Services on specified terms and conditions and on chargeable basis (unless specified otherwise), provided that the contractor shall arrange, at his own expense,	Request you to kindly provide power connection for construction work within the site premises at one point on chargeable basis.	Though BEML will make all efforts to have electricity and water connection at site before start of work which will be on chargeable basis, In the event of being of unsuccessful in its endeavour, the EPC contractor will have to arrange these on their own without wasting any time at their own cost. The prevailing tariff of Madhya Pradesh Vidyut Vitaran Company applicable during the period of execution shall be chargeable. In case of multiple users, fixed charges applicable shall be proportionately distributed as per consumption.
202	Goliath Crane NIT, Pg. 17/ 22/27	8. Goliath Crane-1nos	Request you to remove Goliath crane from machinery list as it is not in our scope	Supply, installation and commissioning of Goliath Crane is not in the scope of EPC contractor. Goliath Crane mentioned in the NIT is for bid evaluation purpose.
203	Presentation/NIT-Pg. 2 Technical Submittal Pg. 22	PRESENTATION Date of Bidders presentation :-Presentation, as part of QCBS evaluation, to be made by the bidders team within 3 working days from the date of communication from BEML To be submitted in ppt form in Technical Proposal and shall be called for presentation during evaluation process (Annexure-10)	There is a discrepancy in the 2 clauses specified. Kindly clarify whether the presentation shall be part of technical submittal or not. If yes, please specify the annexure in which the ppt shall be submitted.	Presentation shall be part of the technical proposal.
204	Penalty against secured advance, NIT, Pg. 34	Note- Minor Penalty shall be levied for the period exceeding 60 days for consuming the material in works @ 2% of SBI PLR rate applicable at that point of time.	We request deletion of the clause pertaining to the levy of minor penalties for material storage beyond 60 days. Considering the fast-track nature of the project and stringent timelines, the Contractor may need to procure and store materials in advance to ensure uninterrupted execution and avoid delays due to material non-availability.	Follow tender condition



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Pre-bid Queries – BEML Response to Pre-bid Queries from Bidders (Set - 1)

02-07-2026

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Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
205	Tax clause, NIT, Pg 37 CC. LEVY/TAXES PAYABLE BY CONTRACTOR, GCC/Pg. 135	Any tax and/or duty, which may hereafter be imposed outside India, shall be on Supplier's account. On the other hand, any tax and/or duty, which may hereafter be imposed in India, shall be on BEML's account. Notwithstanding the foregoing, tax on supervising fee and/or other training fees shall be on Supplier's account, however, CC. LEVY/TAXES PAYABLE BY CONTRACTOR Shall be deemed to be inclusive of all types of taxes, duties levies, fees and charges etc., imposed by Central/State Govt. and local bodies Compensation Cess, Labour Cess, Custom Duty, royalties and other levies. It shall also include all other costs including loading, un-loading, insurance, transportation.	Clause CC states that the Contractor's rates shall be deemed inclusive of all taxes, duties, levies, cess, customs duty, royalties, and other statutory charges (except GST). However, another clause provides that any tax and/or duty imposed in India after the contract date shall be borne by BEML. Kindly clarify	Follow tender condition
206	Tree Cutting & removal of existing structures, Pg. 42	This shall also include clearance of jungle, cutting of all existing trees as required, services and utilities including removal of debris and foundations of the existing structures including steel structure, concrete platforms, rail tracks, filling up to required	It is bidders understanding that permission required for tree cutting shall fall under BEMLs Scope. Kindly Clarify. Also it is bidders understanding that the site shall be handed over to after removal & vacating of existing structure by BEML. Kindly confirm. If else, kindly list out the structure to be demolished by the bidder.	No tree cutting is envisaged at the site. The site will be handed over to EPC contractor without any encroachments.



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207	Statutory Approvals; NIT, Pg. 43	The contractor shall liaise with the concerned statutory Authority/ local body to facilitate BEML obtain all mandatory approval and No Objection Certificate/ Consent for Establishment/Commencement certificate from local body/Statutory authorities, Industrial inspectorate, Fire department, Forest department, etc. as specified in this tender, if any as applicable and as required for the project. The contractor shall also liaise and facilitate BEML obtain Occupancy/ completion certificate on completion of project. The statutory payments or fees made to Statutory Authority/ local bodies shall be reimbursed by BEML on production of proof of such payments. The contractor has to prepare all the documents as required and submit directly to	It is assumed no other statutory approval shall in bidders scope other than the list mentioned in Pg. no 43 of NIT. We request clarification on whether the proposed project land falls within any notified Forest Land or any other restricted/special regulatory zone. In the event that any statutory approvals, clearances, permissions, or NOCs from Forest or other competent authorities are required for commencement and further execution of the Works, we request that the same be obtained by the Employer.	The scope, roles and responsibilities of EPC contractor are very well defined in scope of work under statutory approvals clause no. 1.4.1 in NIT
208	Penalty against statutory approval, NIT, Pg. 44	Failing to provide required statutory approvals within the stipulated time will result in imposition of penalty @ Rs 120 per day from the date of default or first notice of compliance given by BEML Ltd which ever is earlier.	We request deletion of the penalty clause for delay in obtaining statutory approvals. Since the timelines for issuance of approvals are dependent upon the concerned statutory authorities and may be affected by factors beyond the Contractor's control, no penalty may kindly be levied for such delays, provided the Contractor has submitted the requisite applications and complied with the applicable requirements in a timely manner. Additionally, the consequential delay affecting the progress of the Works thereafter shall entitle the Contractor to an appropriate Extension of Time and associated cost implications.	Follow tender condition
209	Special care for existing services:NIT, Pg. 44	The contractor shall properly take care & safe guard all the existing services/ buildings/ structures in the area affected by the construction of proposed in the campus	It is bidders understanding that there are no existing above or under ground facility at the plot which has to be taken into consideration. If any facility needed to be taken into consideration, the cost shall be reimbursed by the client on at actual basis & shall be considered as NT item.	Bidders are required to assess the site condition thoroughly and no claim whatsoever shall be entertained on account of ignorance or unawareness.



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210	Training of BEML personnel NIT, Pg. 44	training of BEML personnel (as required)	Kindly clarify the scope of training to be imparted to BEML personnel. Kindly specify the scope, duration, number of personnel, location, and nature of the training envisaged under the contract.	For all the process plants and material handling equipments included in the scope of EPC contractor, training to BEML personnel (as nominated) shall be provided for getting familiarised with operation and maintenance aspect. Duration of training has to be commensurate with the intricacy and complexity of the process/ equipment. Training to be imparted by trained personnel of OEM.
211	Source of water, Scope of work , Pg. 69	Water shall be made available to the site at 1 point inside the plot area by municipal corporation from where it is to be taken to the proposed reservoir by the EPC contractor	It is bidders understanding that water shall be brought to site at 1 point by BEML from the Dahod Dam & laying of pipeline for that particular distance does not come under the scope of the bidder. Kindly confirm.	Yes confirmed.
212	PAYMENT SCHEDULE (Annexure-25), NIT, 85	Payment against a building/facility/ infrastructure shall be made as per the percentage of total price of the facility against completion of milestone as mentioned below,	The milestone payment given in the tender is tentative ,so request you to kindly reconsider the % of milestone after the award of tender with mutual discussion with the bidder & BEML. In line with finalised contract value	Follow tender condition
213	Weightage of total works (Firm to quote prices in following %) (Annexure-26), Payment Schedule,Pg 86	% Weightage (Firm to quote not more than % mentioned below out of total 100 %	Request you to kindly omit this clause as % weightage on structures cannot be limited as it depends on the type of structure. The weightage payment given in the tender is tentative ,so request you to kindly reconsider the % of weightage after the award of tender with mutual discussion with the bidder & BEML in line with finalised contract value.	Follow tender condition
214	Requirement of Technical Representative(s) and recovery rate ,NIT, 90	Requirement of Technical Representative(s) and recovery rate :-Rate at which recovery shall be made per month from the contractor in the event of not fulfilling aforesaid provisions. (Monthly Deduction shall also be on prorata basis)	We request that recoveries for non-deployment of Technical Representative(s) be levied only where the absence of such personnel materially affects the progress or quality of the work. Further, reasonable time may be provided for replacement of personnel before any recovery is imposed.	Follow tender condition
215	Reinforcement steel, NIT, Pg. 10	Reinforcing bars for concrete will be "TMT bars with strength requirements conforming to IS: 1786-1985" of Grade Fe 500D.	Request you to kindly consider FE550D instead of FE500D as Fe500D is not readily available in the market	Fe 550D can be considered in case of on-availability of Fe 500D.



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
216	Project duration, NIT Pg. 3	Completion Period :-18 Months	Request you to kindly extend the duration of the project to 24 months as it's a design build project with vast quantum of excavation & PEB involved.	Follow tender condition
217	PAYMENT SCHEDULE (Annexure-25), NIT, 85	1. Progressive payment shall be admissible based on the progress of work as per the rate derived from (price furnished by successful bidder in price break-up and quantity of line item) the bidder for the executed quantity at site	As the project is on a lump-sum basis and that payments shall be made against predefined milestones. Further, the percentage allocation for each milestone shall be derived and mutually finalized after award of the contract in consultation with the successful bidder. The milestones shall also be suitably subdivided to facilitate raising of RA bills based on actual site progress.	Follow tender condition except for the fact that in the event of payment against major milestone (Structural Steel Fabrication, Erection and Sheeting works), if the milestone can be quantified based on the completion of quantities proportionate payment shall be permissible. However, such quantification is to be done upon completion
218	Penalty for P&M , Pg. 92	Failure to deploy the above equipment as per mutually agreed programme shall attract penalty @ Rs. 5,000/- per day of delay in deployment for each equipment .	We request that this penalty clause be omitted, as delays in deployment may arise due to factors beyond the Contractor's control, such as transportation constraints, breakdowns, regulatory restrictions, or site readiness issues. We request that no penalty be levied for delays attributable to reasons beyond the Contractor's reasonable control.	Follow tender condition
219	Compliance to Bill of Quantity (BOQ) NIT, Pg. 188	In addition, the quantifiable line items in running meter such as Roads, Rail, Drain, Sewer, Service Trench, the successful bidder shall submit the final quantities of those items after the detailed design stage for payment regulation purpose.	Since it is lumpsum tender, the said clause is not applicable . If applicable request you to kindly provide the quantity for all the activities like Roads, Rail, Drain, Sewer, Service Trench etc.	Though the contract will be on lumpsum basis, the quantities worked out for those items during the detail design stage shall form the basis for regulating the payments for the respective items.
220	EMPLOYMENT OF SKILLED/SEMI SKILLED WORKERS/GCC/ Pg. 133	The Contractor shall provide and employ skilled, semiskilled and un-skilled labour as is necessary for proper and timely execution of the Work. (30% SHALL BE WOMEN)	As it is a fast track & specialised project, considering the availability of suitable manpower and local labour market conditions, we request to delete the clause.	Follow tender condition. The percentage deployment of women work force as mentioned is not mandatory. However, a suitable representation of women work force is desired for this project by the contractor.



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221	(a) SUFFICIENCY OF PRICED BILL OF QUANTITIES AND TENDER: SCC, Pg. 163	On the acceptance of his tender, the Contractor shall forthwith satisfy himself as to the correctness and sufficiency of his tender for the works as well as prices percentage stated in the bill of quantities and the schedule of prices and within seven days of the acceptance of his tender he shall sign the acceptance, which shall be construed and taken as an acknowledgement on his part of his complete satisfaction and acquiescence in the sufficiency of the prices.	As these weightages given in price schedule are indicative and not derived by the Contractor, we request that the same be reviewed and mutually finalized post-award to align with the actual cost distribution and execution methodology, without affecting the overall Contract Price.	Follow tender condition
222	Weigh bridge	Request you to kindly provide clarity on following:- a. Kindly clarify whether the weigh bridge is for static rail or Motion rail. b. Kindly clarify whether the weigh bridge is on Pit or elevated.	Request you to kindly clarify.	The weigh bridge is of static and is on pit.
223	EOT crane	Compressor room -5T SG Under slung crane	The following is not mentioned in the BOQ but have been provided in the technical specification . Kindly clarify.	Not needed and hence not included in the BoQ.
224	Technical Specification Clause 1.11, PCC Paving, Pg. 11 and Clause 4.11, Plinth Protection, Pg. 43	1.11. PCC paving of grade M20, 100mm thick laid over 150mm thick compacted soling/Hard core/sand or murrum filling will be provided around all building as plinth protection to a width of 1000 mm . 4.11. The buildings shall have plinth protection all-around the building of width 900 mm . The finish shall be concrete finish. Kota stone finish shall be provided for Annex Office buildings. The level of plinth protection shall be 100 mm above finished ground level or landscape level.	As per mentioned clauses in technical specification, it is observed that there are two dimensions for width of plinth protection is mentioned i.e. 1000mm and 900mm, kindly confirm which one to be considered for all buildings.	If the plinth protection is specifically mentioned in the drawing, then the same dimension is to be followed, else, plinth protection width of 1000mm to be followed.
225	Anti-Termite Treatment	Not Available	As required, Kindly provide the specification for the Anti-Termite Treatment	EPC Contractor is required to follow latest relevant IS codes



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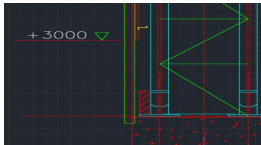
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226	Master Plan Layout Drawing, Drg No. MEC-I0047-01-14-D1-ZZ-ZZZ-DR-J-10100, R06	#UNKNOWN! 	Kindly provide information about structure inside green circle.	Referred drawings are missing. Please resubmit the query																
227	Master Plan Layout Drawing, Drg No. MEC-I0047-01-14-D1-ZZ-ZZZ-DR-J-10100, R06	#UNKNOWN! 	Kindly provide details about the structure as highlighted green rectangle.	Referred drawings are missing. Please resubmit the query																
228	Approach Road		We request you to kindly clarify the Scope for Approach road/Construction road & other site enabling work.	Bidder to get themselves acquainted with site conditions & accessibility and quote accordingly.																
229	Use of computer Software		Please clarify whether the project schedule is required to be prepared and maintained in Microsoft Project (MSP) or Primavera P6, along with any specific format or reporting requirements to be followed.	Microsoft Project/ Primavera P6 both are preferred. The same can be discussed and finalized during project execution phase.																
230	Backfilling		For backfilling work , MORTH sec 300 shall be applicable. Kindly confirm.	Yes, confirmed.																
231		<table border="1"><tr><td>SIDEWALL OPEN:</td><td>FULL</td><td>M LONG</td><td>X</td><td>4.20</td><td>M HIGH FOR</td><td>BRICK WALL</td><td>DIAG</td></tr><tr><td>SIDEWALL OPEN:</td><td>FULL</td><td>M LONG</td><td>X</td><td>4.20</td><td>M HIGH FOR</td><td>BRICK WALL</td><td>DIAG</td></tr></table> 	SIDEWALL OPEN:	FULL	M LONG	X	4.20	M HIGH FOR	BRICK WALL	DIAG	SIDEWALL OPEN:	FULL	M LONG	X	4.20	M HIGH FOR	BRICK WALL	DIAG	Kindly confirm brick wall height for all PEB/ Steel structure such as Manufacturing Block, Testing Block , Gas Bank etc. & also provide the cladding height for these structure. Kindly clarify whether cladding shall start from FFL or from above masonry work.	The height of the brick wall from FFL is 3m and the remaining height will be provided with wall cladding.
SIDEWALL OPEN:	FULL	M LONG	X	4.20	M HIGH FOR	BRICK WALL	DIAG													
SIDEWALL OPEN:	FULL	M LONG	X	4.20	M HIGH FOR	BRICK WALL	DIAG													
232		#UNKNOWN!	Wind columns and spacings were not given in drawings, kindly confirm wind columns spacing.	Wind Column spacing shall be 8m c/c																
233		#UNKNOWN!	in drawing 03D within 32 meters span no columns were shown, kindly confirm.	Two columns in between Grid 1 & 2 and Grid 30 & 31 may be considered at equal spacing.																



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234		#UNKNOWN!	Along GL-31 rolling shutters are shown kindly confirm the dimensions of framed openings.	The dimension of Rolling shutter shall be 5m x 6.0m (W X H)
235		#UNKNOWN!	kindly confirm the type of louvers need to be considered.	The louvers should be aesthetically good, durable and matching with the overall configuration of the facility.
236			Roof access and crane maintenance cage ladders details are not provided .	EPC bidder to assess the requirement of type, location and numbers of the ladders and stair cases required for the ease of maintenance and operation. Please refer the scope of work of manufacturing block wherein it is clearly specified that the EPC contractor has to provide an easy and convenient access to the roof top for maintenance purpose with weather resistant railings. Similar arrangements is to be provided for Inspection and Testing block as well.
237			The considered roof slope is 1:60 as shown in ARCH. Drawings, having such roof slope shall lead to water leakage issues. We suggest to change/revise the roof slope to 1:20 which suits the best for SSR roofing in normal practise.	Follow tender condition
238	NIT - Cl. E - Eligibility Criteria, Pt. No- 13, Pg. No- 13	Average annual financial turnover should be at least Rs. 162 Crores during the immediate last three consecutive financial years ending 2025-26. The turnover, profit, net worth certificates must be certified by Statutory Auditor of the firm/company. -: Annexure 4	We request to take in consideration turnover for immediate last three consecutive financial years ending 2024-25 . As which is already considered in Annexure-4 (Financial Capacity of the Bidders) provided by BEML in Annexures file Page No: 5	Follow tender condition
239	NIT - Cl. E - Eligibility Criteria, Pt. No- 14, Pg. No- 13	The Contractor should not have incurred any loss in more than 2 years in last five financial years. This should be duly audited by Chartered Accountant. Any such certificate must carry UDIN (Unique Document Identification Number). -: Annexure-16	We request to kindly rectify the Annexure-16 (HISTORICAL FINANCIAL PERFORMANCE) as the mentioned annexure -16 (annexure file Page No: 24) contains information from income statement only for the last three years i.e. 2022-23, 2023-24 & 2024-25. Whereas as per the clause it has to be provided for last 5 years.	P&L statement to be submitted for last 5 years ending financial years 2025-2026



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240	Time Extension for Tender Submission, NIT	Due Date & Time for Submission of Tenders : 09.07.2026 at 13.00 Hrs	As this is an EPC project, several critical details and clarifications have been sought by bidders through the pre-bid queries. Upon receipt of the responses, we will require adequate time to incorporate the clarifications, carry out detailed engineering, and prepare an accurate cost estimate and comprehensive bid submission. In view of the above, we kindly request an extension of the tender submission date up to 30th July 2026. This will enable us to submit a well-evaluated and competitive proposal in line with the project requirements.	Follow tender condition
241	Mobilization Advance & Recovery, NIT, Pg. 33	Interest bearing recoverable Mobilisation Advance shall be paid to the Supplier(if requested by him) up to 10% of Contract Value.	We request to provide interest-free mobilization advance @ 10% of the Contract Value against the submission of Bank Guarantee of equivalent amount valid till completion of the project, BGs shall be returned progressively as the amount gets recovered.	Follow tender condition
242	Mobilization advance recovery, NIT, Pg. 33	Recovery of Mobilisation Advance paid shall start when 15% of the work is executed or 1st Running Account (RA) bill whichever is later. 1.10 The Mobilisation Advance paid shall be recovered as stipulated above from each RA bill @ 12.5% of gross amount of RA bill in such a manner that the total advance is recovered when 80% of the contract value gets paid.	We request to kindly modify the clause to:- The recovery of the mobilization advance shall be done on a pro rata basis starting from the 3rd RA Bill and full recovery once the bill value reaches 90% of Contract Value .	Follow tender condition
243	Mobilisation Advance Recovery, NIT, Pg. 33	The Supplier shall submit Bank Guarantee(s) for an amount equivalent to 110% of the advance amount valid up to the completion period plus one-month from any bank as per list provided in the Tender/NIT document and in the format attached in the NIT/Tender document.	We request the Employer to permit submission of a Surety Bond as an alternative to the Bank Guarantee requirements under the contract. Kindly confirm the acceptability	Follow tender condition



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244	Secure advance , NIT, Pg. 34	Up to 75% of the assessed value of Cement and steel (Reinforcement Steel & structural steel)only When materials on account of which an advance has been made under this sub-clause are incorporated in the work, the amount of such advance shall be recovered/deducted from the next payment made under any of the clause or clauses of this contract.	We request you to kindly provide material advance @ 80% of the value of the material / invoice against delivery at site for all major materials. The same shall be recovered from our RA Bills to the extent of the consumption in the work. We request following amendments to the Sub-clause: When materials on account of which an advance has been made under this sub-clause are incorporated in the work, the amount of such advance shall be recovered/deducted in equal instalments from the subsequent three Running Account Bills (RAB). Kindly Confirm.	Follow tender condition
245	Secure advance , NIT, Pg. 34	Such secured advance shall also be payable on other items of perishable nature, fragile and combustible with the approval of the Engineer-in-charge provided the contractor provides a comprehensive insurance cover for the full cost of such materials.	Request you to kindly provide secure advance on all other major items including MEP items..	Follow tender condition
246	Security Deposit, GCC, Pg. 107	Performance bank guarantee shall be submitted within 30 days of acceptance of the contract and Bank guarantee drawn on any of the commercial bank made as format enclosed in the NIT and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the contractor, including Defect Liability Period (DLP) The successful Bidder shall be required to furnish security deposit for the fulfilment of contract and the amount shall be 10% of the value of the contract, to be paid by the contractor.	1)We request the Employer to permit submission of a Surety Bond as an alternative to the Bank Guarantee requirements under the contract. Kindly confirm the acceptability 2) We request you to consider % of security deposit as 5% of contract value as against 10% of CV.	Follow tender condition



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Pre-bid Queries – BEML Response to Pre-bid Queries from Bidders (Set - 1)

02-07-2026

Name of the Work: Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raissen, Madhya Pradesh (India) on EPC Mode.

Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
247	Basic Rates, NIT,34		We request to provide the Base Price/Star Rate of materials:- 1) Cement OPC 53 Grade 2) Structural Steel (all grades) 3) Reinforcement Steel (FE500D) 4) Reinforcement Steel (FE550D) We request that price escalation be considered based on the difference between the base rate and the actual prevailing rate during execution for the respective month, rather than being calculated as per the escalation formula stipulated in the tender document (Page No. 34).	The base rates shall be the rate prevailing as on closing date of tender as per CPWD.
248	Approx. Estimated Value.		Kindly provide us with an approximate Budget of the project.	Contractor to assess as per the scope of work
249	Retention/GCC Pg107	Security Deposit amount shall be deducted from the running bills of the contractor at the rate of 10% or higher of the gross value of each bill. However, the entire security deposit amount shall be deducted before completion of 90% of work.	Kindly clarify whether any additional retention money apart from the mentioned Security Deposit shall be applicable during the execution	Follow tender condition
250	F. RAR (RUNNING ACCOUNT REMITTANCE) BILLS PAYMENT /GCC/ Pg. No -115	On submission of RAR bills by Contractor to the OIC/EIC, 50% of the RAR Bill value shall be released within Ten (07) working days without detailed check on the claim The balance shall be released after the claim is scrutinized in detail as per procedure by BEML within Twenty-Eight (28) working days.	We are requesting for 75% of the bill value shall be paid within 07 days from the date of submission of bill and balance within 21 days thereafter.	Follow tender condition



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
251	C. LIQUIDATED DAMAGES FOR DELAY IN COMPLETION OF WORKS/GCC/Pg. 109	In case the Contractor fails to complete the works and clear the site on or before the stipulated time mentioned in the Work order he shall without prejudice to any other right or remedy of the Company in this behalf pay, as agreed Liquidated Damages and not as penalty, pay sum equal to 0.5% of the Contract sum (excluding non tendered/extra items, if any) for every week's delay subject to maximum of 10% of the total final bill value of the Contract.	We request to consider the clause as 0.25% every week upto maximum of 5%.	Follow tender condition
252	Escalation-NIT,Pg 34,	Price variation clause applicable for Cement & steel (Reinforcement bars TMT Fe500 D & structural steel) only	Request you to kindly provide escalation for all material including labour, fuel etc other than cement, reinforcement steel & structural steel.	Follow tender condition
253	Basic Rates, NIT,34	P = Base Price of material as issued under the authority of DG(W),CPWD or concerned Zonal Chief Engineer as mentioned above, valid at the time of the last stipulated date of receipt of tender including extensions, if any, Q = Quantity of material brought at site for bonafide use in the works since previous bill.	We request to provide the Base Price of material as issued under the authority of DG(W),CPWD or concerned Zonal Chief Engineer for below mentioned items:- 1) Cement OPC 53 Grade 2) Structural Steel (all grades) 3) Reinforcement Steel (FE500D) 4)Reinforcement Steel (FE550D)	The base rates shall be the rate prevailing as on closing date of tender as per CPWD.



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
254		1. Such compensation for escalation in the prices of materials, when due, shall be worked out based on the following provisions: $V = P \times Q \times (CI - Clo) / Clo$ where, V = Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered. P = Base Price of material as issued under the authority of DG(W),CPWD or concerned Zonal Chief Engineer as mentioned above, valid at the time of the last stipulated date of receipt of tender including extensions, if any, Q = Quantity of material brought at site for bonafide use in the works since previous bill. <i>Clo = Price index for cement Reinforcement bars TMT</i>	Request you to kindly provide escalation based on the difference between the base rate & the at actual rate during execution for the particular month.	Follow tender condition
255	Arbitration, NIT, Pg. 133	In event of failure of both the parties to contract to reach any amicable settlement or conciliation of the dispute within 90 days from the date of first notice of dispute and within 15 days of failure of conciliation proceedings, either party to contract shall refer the dispute for settlement by "Arbitration" consisting of a sole arbitrator to be appointed by the IIAC, New Delhi (Plot No 6, Vasant Kunj Institutional Area, New Delhi-a110070), as per the Rules of IIAC New Delhi and in accordance with the Rules of IIAC	Request to to kindly modify the clause to:- The arbitration shall be conducted in accordance with the Arbitration and Conciliation Act, 1996 and the rules amended thereunder by three (3) arbitrators. Each Party shall appoint one (1) arbitrator and the two (2) arbitrators so appointed shall appoint a third arbitrator who shall act as the presiding arbitrator. The arbitration proceedings shall be held in Mumbai, India and governing law shall be Indian law and conducted in the English language. The decision of the arbitrator(s) shall be final and binding. The Parties shall request for a reasonable award.	Follow tender condition



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256	EXTRA ITEM, VALUATION OF DEVIATIONS, Pg. 157	wherever NT items cannot be deduced from the like items quoted in the tender or SSR rates, market rate shall be allowed based on vouchers/invoices as per the actual including transportation, labour etc., plus 10% overheads and the labour rate shall be taken as per minimum wages in force, based on the recommendations of the Chief Engineer.	For extra item we request you to consider actual cost of materials/consumables, wastages, plant and equipment hire charges, labour charges, water and power charges plus 20% to cover up our overheads and margin.	Follow tender conditions
257	• Completion schedule Page 87 of 189	18 Months from the date of commencement. The contractor is required to commence the work within 07 days from the date of award of works. The Contractor is expected to deploy adequate no. of manpower plants, machinery and all required resources commensurate with the required number / quantity for expeditious execution of works. The contractor may require to ensure working in all three shifts including Sundays and holidays (Non Deployment of a requisite number of skilled personnel as specified hereunder shall attract penalty as specified.	Considering the scale, complexity, and resource mobilization requirements of the Project, we request a mobilization period of 1 month from the date of Award/Letter of Acceptance for deployment of manpower, plant, machinery, and other requisite resources. Accordingly, the Commencement Date may kindly be considered as 1 month from the date of Award/LoA, and all contractual timelines and milestones shall be reckoned therefrom. Kindly Confirm	Follow tender condition
258	B. Requirement of Technical Representative(s) and recovery rate, Page 91 of 189	Technical representative at Sr. No 1 TO 16 shall be deployed during the complete project duration (construction work). Deployment of other technical representative shall be based on work program as approved by Engineer-In-Charge.	We understand that the deployment of Technical representative shall be undertaken in a phase-wise manner, aligned with the sequence of works like mobilization, design, construction, installation, commissioning, and DLP. Accordingly, the Contractor shall submit the Project Schedule including the deployment plan of Key personnel post award of the Contract. Kindly Confirm.	Follow tender condition.



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
259	C. Equipment, Page 92 of 189	Note: Numbers of plant, machinery/equipment indicated in the list is tentative and is not final. This has been worked out based on preliminary assessment. Which shall be used for the purpose of evaluation of bidders capability in line with QCBS parameter, Final numbers shall be arrived after mutual discussion upon award of work for deployment at site as per requirement . Failure to deploy the above equipment as per mutually agreed programme shall attract penalty @ Rs. 5,000/- per day of delay in deployment for each equipment .	It is noted that the number of plant, machinery, and equipment indicated in the RFP is tentative and intended for evaluation purposes under QCBS, and that final numbers shall be mutually finalized after award of work. In this regard, we request that: 1. Final equipment deployment requirements shall be aligned with the approved Project Schedule and actual site conditions;	Follow tender condition.
260	A.6 DISCREPANCIES, ADJUSTMENT OF ERRORS AND ORDER OF PRECEDENCE, Page 105 of 189 of RFP	Note: 2. In the event of any error in the description or in the quantity in Price bid or any omission there from shall not vitiate the Contractor or release the Contractor from the execution of whole or any part of contract comprised there in according to the drawings and specifications, or from any of his obligations under the contract.	In case of any work is omitted or missed through oversight or error in BOQ or drawings and is required to be executed, the same shall be executed as Non-Tender item pursuant to the provisions of Sub-Clause 2. DEVIATIONS/ VARIATIONS EXTENT of the GENERAL CONDITIONS OF CONTRACT	If there is any discrepancy in the price bid/misalignment compared to the scope, described in the NIT, bidder to highlight and bring to the notice of tendering authority to do the necessary course correction. Failing to do so, shall not absolve the successful the bidder from execution in line with the scope of work and same will not come under variation
261	A.7(A) TENDER OR AGREED RATE: , Page 105 of 189 of RFP	2. In the event of anything evidently necessary to the due and complete performance of the works being omitted to be shown on the drawings or described in the specification or being omitted from the Bill of Quantities through oversight or error, the contractor shall, notwithstanding, execute (in the most perfect manner) all such works the same as if they had been severally shown, described and included without being entitled to make any extra claim or charge.	In case of any work is omitted or missed through oversight or error in BOQ or drawings and is required to be executed, the same shall be executed as Non-Tender item pursuant to the provisions of Sub-Clause 2. DEVIATIONS/ VARIATIONS EXTENT of the GENERAL CONDITIONS OF CONTRACT	If there is any discrepancy in the price bid/misalignment compared to the scope, described in the NIT, bidder to highlight and bring to the notice of tendering authority to do the necessary course correction. Failing to do so, shall not absolve the successful the bidder from execution in line with the scope of work and same will not come under variation



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
262	A.10 HANDING OVER OF SITE FOR COMMENCEMENT OF WORK, Page 107 of 189 of RFP	The Contractor having signed the contract, the PIC/OIC/EIC will forthwith give him notice to commence the Work by issuing Work order mentioning handing over of Site and the Contractor shall upon receipt of such notice commence the works and carry them on at such point or points and in such portions as directed by PIC/OIC/EIC from time to time. Work shall start on priority basis as per BEML requirement/notification. However, if any portion of site is not made available by BEML for any reason whatsoever no claim on account of this towards compensation or otherwise will be entertained. The handing over of Site for carrying on the Works shall not confer any right over work site except temporary possession only for the purpose of the Works under	We request that the Employer hand over the complete site and free of encumbrances and hindrances, rather than in a piecemeal manner. Any delays arising from partial handover or site encumbrances and hindrances should be compensated to the Contractor in terms of both time and cost.	The site is free of all encumbrances and shall be handed over as soon as the work is awarded. However, delay in handing over of site or any obstruction attributable to the employer shall entitle the contractor for commensurate time extension. However, such eventuality is to be notified by the contractor within 07 days from the happening of the same. No financial compensation shall be admissible. The above should be read in conjunction with Time extension clause at page no. 110 of NIT
263	B.1 Claims of performance guarantee/Security Deposit: Page 108 of 152 of RFP	BEML shall have full rights whatsoever to encash any bank guarantee submitted under this Contract at any time during the validity of the guarantee and the Contractor shall have no right or claim whatsoever in the matter of encashment of the bank guarantee amount by BEML and any disputes/ claim whatsoever in this regard shall only be settled by means of Dispute Resolution as provided for in contract and the decision of BEML as to what amount is due to BEML from the said bank against the guarantee and as to Contractor has committed breach of contract or not, shall be final and binding on the guarantor-bank and the Contractor shall have no right to interfere with the same and the bank shall have full rights in terms of the	We note that the clause grants BEML an unrestricted right to invoke and encash the Performance Guarantee/Security Deposit at its sole discretion, with the Contractor having no right to challenge such invocation. In the interest of equitable risk allocation, we request that invocation of the Performance Guarantee/Security Deposit be limited to cases of established Contractor default, following issuance of a prior written notice specifying the breach and providing a reasonable cure period to remedy the same. Kindly review and confirm.	Refer tender document



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
264	D. EXTENSION OF TIME: Page 111 of 152 of RFP	D.3 In case the Work is hindered by the BEML or for any reason / event, for which the BEML is responsible, BEML, if justified, give a fair and reasonable extension of time and reschedule the milestone/s for completion of Work. Such extension of time or rescheduling of milestone/s shall be without prejudice to any other right or remedy of the parties in contract or in law; provided further that for concurrent delays under this sub clause and sub clause (D.2) to the extent the delay is covered under sub clause (D.2) the Contractor shall be entitled to only extension of time and no damages	We request that the Contractor shall be entitled for cost compensation in the event where Extension of Time is granted for reasons not attributable to the Contractor Kindly confirm	Follow tender condition
265	F. RAR (RUNNING ACCOUNT REMITTANCE) BILLS PAYMENT, Page 115 of 152 of RFP	iii. The payment timelines as stated above is on an ideal condition and in the event of any delay in payment, no claims whatsoever due to delays on payment including that of interest shall be payable to the Contractor.	We request that Interest at the rate of 12% p.a. shall be applicable on payments delayed beyond the timeline mentioned in sub-clause ii of F. RAR (RUNNING ACCOUNT REMITTANCE) BILLS PAYMENT Kindly confirm	Follow tender condition
266	P. FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK, Page 94 of 152 of RFP	If any time after acceptance of the tender BEML decides to abandon or reduce the scope of Work for any reason whatsoever and hence not require the whole or any part of the Works to be carried out, the Officer-in-Charge shall give notice in writing to that effect to the Contractor. The compensation, if any payable for such foreclosure of Work will be discussed mutually between BEML and the Contractor and settled after taking into consideration the actual financial loss, if any, suffered by the Contractor on account of foreclosure of the contract, which in no case shall exceed 2% of cost of incomplete work on the date of closure. The Contractor shall have no claim to any payment of compensation or otherwise whatsoever on account of any loss of profit or advantage which he might have derived, but for the foreclosure of the whole or part of the Works or reduction in Scope of work. BEML shall have the option to take over the Contractor's materials or any part thereof, either brought to the site or for which the Contractor is legally bound to accept the delivery from the suppliers.	We request that in the event of foreclosure or reduction in scope not attributable to the Contractor, the Contractor shall be entitled to: 1. Payment for work executed; 2. Reimbursement of all committed and unavoidable costs; 3. Reasonable overheads and profit on the unexecuted portion; 4. Full payment for materials procured or legally committed; and 5. Demobilization costs. Accordingly, the shall pe paid reasonable amount without any capping as the same may not adequately compensate actual losses arising from foreclosure.	Follow tender condition



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
267	DD. TERMINATION OF CONTRACT, Page 138 of 152 of RFP	2. Termination for Convenience of BEML BEML reserves the right to terminate the Contract, in whole or in part, at any time for its convenience, by giving 30 days' written notice to the Contractor. In such an event: · The Contractor shall stop the work in an orderly manner. · The Contractor shall be paid for the work executed satisfactorily up to the date of termination, as certified by BEML. · No claim for loss of profit, overheads, idle charges, loss of opportunity, or any consequential damages etc. shall be payable. · The Contractor shall hand over all drawings, designs, documents, and partially completed works to BEML.	We request to delete the sub-clause 2-Termination for Convenience of BEML	Follow tender condition
268	HH.CONTRACTOR'S LIABILITY AND INSURANCE: II. INDEMNIFICATION, Page 141 of 152 of RFP	Indemnity against all actions of Contractor, Agents, Employees: The Contractor shall hold and save harmless and indemnify BEML and its employees, from all actions, suits, proceedings, loss, costs, damages, charges, claims and demands of every nature and description brought against or recovered from BEML and their employees by reason of any act, deed, omission or commission of the Contractor and/or his representative and/or his Employees and/or his sub-contractors in the execution of the works under the Contract. All the sums payable by BEML by way of compensation to any third party/ies, under any of these conditions, shall be recovered from the dues of the Contractor, without reference to the actual loss or damage sustained, and whether or not any damage shall have been sustained.	we request the following modifications: 1. Limitation to Contractor's Fault: The indemnity may kindly be limited to losses or claims to the extent caused by the negligence, wilful misconduct, breach of contract, or statutory violation by the Contractor, its employees or subcontractors. 2. Exclusion of Employer's Fault: The Contractor shall not be liable for claims arising due to any act, omission, negligence, design defect, unilateral instruction, or breach attributable to BEML, its personnel, consultants, or other agencies engaged by BEML. 3. Proportionate Liability: In case of contributory negligence, liability may be restricted to the proportion attributable to the Contractor. 4. Actual Loss Basis: Recovery from Contractor's dues may kindly be limited to actual, proven losses, duly supported by documentary evidence, and not on notional or unsubstantiated basis. 5. Exclusion of Indirect Damages: The indemnity may exclude indirect, consequential, remote or special damages such as loss of profit, loss of business opportunity, etc.	Follow tender condition



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269	F. ENGINEER IN CHARGE'S ORDERS TO COMMENCE WORKS AND AS TO NON-DELIVERY OF SITE, Page 127 of 152 of RFP	The Company shall, with the Engineer in charge written order to commence the works, give to the contractor, the use of so much of the site of works, as may in the opinion of the Chief Engineer be required in order to enable the contractor to commence and continue the construction of the works, and shall from time to time as works proceed give the contractor the use of such further portions of such site as the Engineer in charge may from time to time consider proper in that behalf, but the non-delivery in manner aforesaid of the use of such site or any portion thereof shall not vitiate or affect the contract, nor any provision contained in the specification nor entitle the contractor to any increased allowance in respect of money.	We request following amendment to the clause as: 1. The Employer shall hand over the complete site in a timely and hindrance-free manner. 2. In case of delay in site handover, piecemeal possession, or any obstruction attributable to the Employer or other agencies engaged by the Employer, the Contractor shall be entitled to Extension of Time (EOT) along with corresponding Cost compensation, including idling charges and overheads.	The site is free of all encumbrances and shall be handed over as soon as the work is awarded. However, delay in handing over of site or any obstruction attributable to the employer shall entitle the contractor for commensurate time extension. However, such eventuality is to be notified by the contractor within 07 days from the happening of the same. No financial compensation shall be admissible. The above should be read in conjunction with Time extension clause at page no. 110 of NIT
270	N. SUSPENSION OF WORK, Page 149 of 152 of RFP	The Contractor(s) shall suspend the execution of work or any part or parts thereof whenever called upon in writing by the Chief Engineer to do so and shall not resume work thereon until so directed in writing by the Chief Engineer. The Contractor will be allowed by the Chief Engineer an Extension of time (not less than the period of suspension) for completion of the item or group of items of work for which a separate period of completion is given in the contract and of which the suspended work forms part but not other claims in this respect for completion or otherwise, however, shall be admitted. The contractors shall have no claim to any payment of compensation or otherwise, whatsoever on account of suspension of work.	We request that where suspension is for reasons not attributable to the Contractor, the Contractor shall be entitled to EOT along with reimbursement of demonstrable costs, including idling charges, site overheads, and re-mobilization expenses.	Follow tender condition



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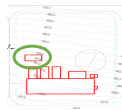
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271	Page 145 of 152 of RFP	D. In the event of anything evidently necessary to the due and complete performance of the works being omitted to be shown on the drawings or described in the specification or being omitted from the Bill of Quantities through oversight or error, the contractor shall, notwithstanding, execute (in the most perfect manner) all such works the same as if they had been severally shown, described and included	In case of any work is omitted or missed through oversight or error in BOQ or drawings and is required to be executed, the same shall be executed as Non-Tender item pursuant to the provisions of Sub-Clause 2. DEVIATIONS/ VARIATIONS EXTENT of the GENERAL CONDITIONS OF CONTRACT	If there is any discrepancy agency in the price bid/misalignment compared to the scope, described in the NIT, bidder to highlight and bring to the notice of tendering authority to do the necessary course correction. Failing to do so, shall not absolve the successful the bidder from execution in line with the scope of work and same will not come under variation
272	SHEET ROOFING ,TECHNICAL SPECIFICATION , Pg. 28	Canteen dining area wherein structural roof is envisaged; roofing shall be of galvalume sheets of above referred specification.	It is bidders understanding that the canteen Building shall have PUF panel, Kindly confirm	Yes, confirmed. PUF panel shall be used for canteen roofing.
273	PAYMENT SCHEDULE, NIT, Pg. 78	MEP Fire and other Services	Kindly clarify the payment for MEP items which fall under Manufacturing block, testing block, Canteen Building. Etc. Request you to kindly provide Payment for MEP item in the following manner" 1)Supply :- 75% 2)Erection/installation:- 20% 3) Testing & Commissioning:- 5%	Payment for MEP items have already been provided in the payment schedule of respective facilities. Follow tender conditions.
274	Master Plan Layout Drawing, Drg No. MEC-I0047-01-14-D1-ZZ-ZZZ-DR-J-10100, R06		Kindly provide information about structure inside green circle.	The structure inside the green circle is HSD storage area.



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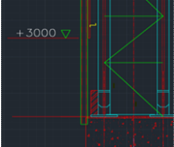
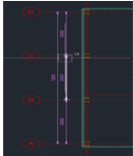
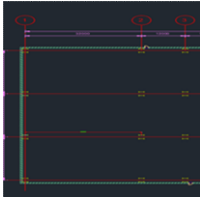
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02-07-2026

Name of the Work: Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raissen, Madhya Pradesh (India) on EPC Mode.

Tender Notice No. :6300040573 dated 25.05.2026

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275		General 	Please confirm the cage ladder locations, heights and quantity we need to consider.	Wherever the accessibility to a place at height is not possible through already provided staircases along the length of the bay for maintenance, this should be facilitated by providing suitable numbers of cage ladders not less than 3 along the length of each longitudinal row of columns in manufacturing block. If height is more, the ladder need not be provided in one stretch and from convenience point of view it can be split into two or more flights.
276		General	Please confirm for which buildings we need to consider roof extension of 900mm. Also please check and confirm.	The roof extension of 900mm is to be considered for Manufacturing block.
277		General	We are providing 3.15mm Thick MS Gutter with FRP lining without considering any other specifications. Please confirm	MS Gutter of 3.15mm thick should be galvanised with minimum coating thickness of 100µm
278	Drawing no. 03D, Car Body Fabrication and Assembly Facility		Kindly confirm brick wall height & from what level sheeting will start.	The height of the brick wall from FFL is 3m and the remaining height will be provided with wall cladding.
279			Wind columns and spacings were not given in drawings, kindly confirm wind columns spacing.	Wind Column spacing shall be 8m c/c
280	Drawing no. 03D, CAD Drawings, Car Body Fabrication and Assembly Facility		In drawing 03D within 32 meters span no columns were shown, kindly confirm.	Two columns in between Grid 1 & 2 and Grid 30 & 31 may be considered at equal spacing.



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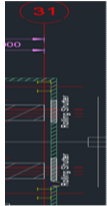
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281			kindly confirm rolling shutters locations & dimensions of framed openings.	The location is shown in the facility drawings. The dimension of Rolling shutter shall be 5m x 6.0m (W X H)
282	Page No. 15 of 261, Chapter 02, Clause 2.0	Adequate louvers and translucent sheeting will be provided in the building as per the technological and functional requirement.	kindly confirm the type of louvers need to be considered.	The louvers should be aesthetically good, durable and matching with the overall configuration of the facility.
283	General		The considered roof slope is 1:60 as shown in ARCH. Drawings, having such roof slope shall lead to water leakage issues. We suggest to change/revise the roof slope to 1:20 which suits the best for SSR roofing in normal practise.	Follow tender condition



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284	Technical Specification, 11.2 Source of Water, Pg. No 168	The source of water for the proposed plant will be from the municipal fresh water supply pipeline (i.e. drinking water pipeline from Narmada River to Bhopal city) passing near the plant site, from where raw water / fresh water will be supplied to the storage reservoir to be constructed in the plant.	We presume that Narmada water supply (fresh water supply) passing near the plant will meet the drinking water standards as per IS 10500 :2012, Hence basic filtration (MGF) will be provided and further used for drinking & domestic requirements. Kindly clarify.	Please refer the test results of raw water parameters provided in technical specifications.									
285	Technical Specification, 11.2 Source of Water, Pg. No 168		As per the clause, kindly provide the Narmada water tap off location at plot boundary and the available pressure and pipe diameter at the plot boundary.	Near municipal solid waste disposal plant. Diameter shall be as per municipal norms for such industrial facility									
286	Technical Specification, 11.4 RO Plant, Pg. No 168	A RO plant of capacity approx. 1 MLD has been proposed for feeding the RO water to the water leak test area for testing of car body shell & the completed car body.	As per the clause, kindly provide the consumption points for testing car body shell & the complete car body.	The consumption points shall be at both ground (Northern end) and first floor (Southern End) of the Manufacturing Block.									
287	General		Kindly provide Process water requirements (type of water) and consumption points inside the shop areas apart from car testing areas if any.	RO water to be used for water tightness test in Manufacturing block. Consumption point shall be water tightness test indicated in the drawing. Painting booth will also require potable water									
288	Technical Specification, 11.1 Requirement of Water, Pg. No 167	<table><tr><th>Sl. no.</th><th>Description</th><th>Water Requirement (cum) per day</th></tr><tr><td>4</td><td>Water requirement washroom and drinking @45/pax No. of People around 2512(2284+10%)</td><td>113</td></tr><tr><td>5</td><td>Water requirement canteen @ 70 litres/pax</td><td>176</td></tr></table>	Sl. no.	Description	Water Requirement (cum) per day	4	Water requirement washroom and drinking @45/pax No. of People around 2512(2284+10%)	113	5	Water requirement canteen @ 70 litres/pax	176	As per the clause, S. No 4, 45 litres / pax has been considered for 2512 PAX which is inclusive of canteen as per NBC 2016 Table 1, further again in S. No 5 consists of 70lit/pax for canteen, please clarify whether both to be considered on water requirement	Please refer the water requirement table provided in the scope of work in NIT Page no. 69. Kindly ignore the water requirement table provided in technical specifications.
Sl. no.	Description	Water Requirement (cum) per day											
4	Water requirement washroom and drinking @45/pax No. of People around 2512(2284+10%)	113											
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289	Technical Specification, 11.1 Requirement of Water, Pg. No 167		As per the clause, please clarify the No. of shifts per day and Male: Female ratio to be considered	The total manpower deployment shall be around 1455 when plant would be operational in full capacity. A total of maximum 875 persons are expected to work in one shift in manufacturing block and testing block combined together. Deployment shift wise (1, 2 & 3rd) to be considered in the ratio of 6:3:1 for manufacturing block and testing facility together. For annexe office and other areas the deployment to be considered as 100% in first & general shift and in other shifts minimum skeleton staff to be deployed to manage the respective functions. The ratio of female to male staff may be considered as 1:5. In other buildings, population may be assessed as per seating plan provided in the respective drawings
290	Technical Specification, 11.1 Requirement of Water, Pg. No 167 Technical Document, 1.6.4.6 Water Supply and Fire Water Pump House, Pg. 69		As per the clause 11.1 of Technical specification and 1.6.4.6 of NIT, Population details are two different values, please clarify which one to be followed. Further, Technical specification covers cooling water recirculation however NIT water requirement doesn't cover this, please clarify which requirement detail needs to be followed.	Please refer the population value provided water requirement table in the scope of work in NIT Page no. 69. Kindly ignore the population value in the table provided in technical specifications.
291	Technical Specification, 12.1 General, Pg. No 175	The main source of wastewater to be treated shall be resulting from factory floor washing, cleaning and leakage test of coaches, kitchen wastewater and wastewater coming out from washrooms/Toilets.	As per the clause, please share the quantity and quality of wastewater that shall be generated from each coach during cleaning and leakage test, factory floor washing.	The wastewater generation quantity and quality to be assessed by the bidder keeping in view of standard industrial norms.
292	Technical Specification, 12.1 General, Pg. No 175	The treated effluent should be fit to reuse for Flushing and Landscaping etc.	As per the clause, flushing water shall be supplied by STP, however Section 11.1, Requirement of water is including flushing requirement in total water requirement, please clarify whether flushing quantity of 38 Cum/day can be reduced	The treated effluent from STP shall be used only for landscaping & irrigation purpose and not for flushing.



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293	Tender Document, Sl. No 04, Scope of Work, Pg. 50,		As per clause 12.1, Technical specification, the capacity of STP treated water is used for Flushing & Irrigation. However, STP capacity shall be approx. 250 KLD only as per water requirement table in clause 11.1 which is not sufficient for catering flushing and landscaping requirements. Please clarify.	The treated effluent from STP shall be used only for irrigation purpose and not for flushing.
294	General		Please provide the details of Effluent generation inside the plant area with quantity and quality generated for considering effluent network system and clarify whether any ETP to be considered in scope of work	ETP is not to be considered under the scope of EPC contractor.
295	General		For Effluent conveyance, we propose pipe network below the grade slab inside the shop areas with catch pit arrangements through gravity and finally it will be collected in the pit located inside the shop. From the pit effluent will be pumped outside to external manhole near to the building. From the manhole, further it will be conveyed to STP with pipe and manhole arrangements through gravity. Kindly confirm the proposal.	Inside the manufacturing bay no open drainage system has been envisaged. So, conveyance of effluent through pipe network below the grade slab is acceptable proposition. The STP has been relocated. Please refer the revised master layout. With the changed location, pumping may not be required. However, even then pumping is contemplated by the bidder. The same is to be taken into consideration while bidding.
296	General		Kindly provide the rainfall intensity for the proposed area to design the roof and storm water design	Bidders have to collect local meteorological data themselves for designing purpose
297	Technical specification, 1.12 Roads & Drains, Page no: 12 of 262	RCC storm water drains are considered; minimum width of the drain shall be good enough for manual cleaning of drain	We are proceeding with minimum width required as per catchment and as per maintenance requirement. And also, we are proceeding with one side drain depending on the road width (As per codal requirements). Kindly confirm	Confirmed. However, the design of the drainage system needs to be done as per applicable codal provisions.
298	General		Kindly provide the discharge location of storm water drain considered in the proposed facility. Kindly provide the existing drain invert levels located outside the plot boundary	The discharge point no.1 shall be the naturally existing nalla located near material gate/ municipal solid waste disposal plant. The discharge point no. 2 shall be on eastern side of the plot near mandir and to be directed towards the nearest pond
299	General		Please clarify whether Conventional rainwater downtake system or Siphonic system to be followed for steel shed roof	Siphonic systems to be followed



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300	Tender Document, 1.5.1, Detailed Engineering Scope, 1.5.6, Local Body Approval, Pg. 49	1.5.19 Rainwater harvesting, surface run off harvesting and ground water recharge system as per approved norms.	Please clarify soil bore hole data to access the water table depth and to check feasibility for rainwater harvesting structure,	Bidder may please refer the Soil Investigation reports that have been provided along with the NIT which includes the borehole data
301	Tender Document, 1.6 Buildings and Facilities, 1.6.2 Coach/Car Inspection & Testing facility, Page 63	WATER TIGHTNESS TEST Car body stage & fully furnished car stage Two Water Tightness Test Gantries with 240 water spraying nozzles to spray water at 2 bar pressure at discharge rate of 7.4 litre/min/nozzle as per IEC 61133 standard are available conduct Rain test and ensure cars are leak proof.	Please clarify whether 240 Nos of nozzles shall be operated at a time for testing or any sequence of work is there and how many times these nozzles will operate in daytime.	The query is not relevant as the water tightness test facility is not included in the scope of the subject NIT.
302	Technical Specification, Pg. 213, S.No. 10	Efficient solid waste management system by minimize landfill by employing reuse, recycling and energy recovery technologies. Some of the practices to be employed are segregation of wastes at source, proper handling and management of hazardous waste, treatment of organic waste.	Kindly clarify whether any organic waste converter to be considered for treating organic waste. Bidder understood that handling and treatment of Inorganic waste is not part of bidder scope	Organic waste converter is not part of scope of EPC contractor. The solid waste management is not envisaged in the scope of bidder.
303	General		Please clarify whether wash basins shall be provided with push cock or sensor type is preferred	Push Cock type to be considered
304	General		Please clarify whether urinals shall be provided with push cock or sensor type is preferred	Sensor type to be used at places other than shop floor & parking area near material gate where pushcock type is preferred
305	General		Please clarify the requirements to be considered for the future block if any	Consideration for future block is not required.



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306	Technical Specification, Clause 4.13, Plumbing Fittings & Fixtures	Each offices / Buildings should be provided with suitable capacity HDPE overhead freshwater tank as per the occupancy level of the building.	It is understood from the clause that. For domestic usage, water from the WTP will be pumped to all the OHT located in the terrace of each RCC building. From there water will be supplied to fixtures via gravity. For flushing, water from the STP will be pumped directly to the buildings toilet fixtures through Hydro-pneumatic systems Kindly clarify	Yes, but the effluent water from STP is not proposed to be used for flushing. Hence, separate OHT tank / hydro-pneumatic systems for STP effluent water is not required.
307	General		Please clarify whether any standby geysers required to be considered for Annexe Building	Not Required.
308	NIT - 1.6.4.12 Common Driveways / Landscaping around the Facilities	Decorative water fountains in external area (location to be decided while planning landscaping) shall be provided (2-Nos) with waterproofing treatment, designed for low maintenance and safe operation which is suitable for industrial outdoor conditions in accordance with the BEML.	As per clause, kindly share the specification for the decorative water fountain and share the drawings / type of irrigation for the fountain	Location of fountains and specifications can be mutually decided at the time of detailed engineering
309	NIT - Appendix – C Compliance to Bill of Quantity	storm water drains connected to rainwater harvesting pond,	There is no harvesting pond inside the proposed facility, all the storm water collected via RCC drains and it will be discharged outside the plot boundary. Kindly confirm	It is envisaged that the storm water collected through drains will be used for ground water recharging after passing it through suitable filter under rain water harvesting system. Overflow will be discharged outside the plot boundary.
310	NIT, Appendix – C, Compliance to Bill of Quantity, Pg. 188	4. In addition, the quantifiable line items in running meter such as Roads, Rail, Drain, Sewer, Service Trench, the successful bidder shall submit the final quantities of those items after the detailed design stage for payment regulation purpose	We presume that as per clause, pricing shall be considered without Roads, Rail,70 Drain, Sewer, Service Trench and this shall be part of item rate during detail design, kindly confirm	Pricing for all those items are to be considered mandatorily in the financial bid. Final quantities of those items after detail design stage shall form the basis for payment regulation purpose.
311	Technical Specifications BEML, 1.4 Concrete Mix, Pg. 8 of 261	M-30: Reinforced concrete work for Equipment foundations, Water retaining structure, Roads, etc.	As per IRC 58 Minimum M40 Grade of concrete shall be used for Road. Kindly confirm	Confirmed. Follow IRC codal provisions.
312	General _ Roads		Kindly confirm whether IRC codes can be used for Pavement and pavers design.	Yes, confirmed.
313	General _ Roads		Kindly provide the vehicle axle loads and fire tender loads to be considered for the design of roads	Preferred manufacturer may be referred for axle load details.



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314	General _ Roads		Kindly provide the traffic study details.	Traffic study details are not available. Bidder to access and quote accordingly.
315	General _ Grade Slab		Kindly confirm whether TR 34 can be used for design of Grade slab	Latest IS codes to be followed.
316	General _ Grade Slab		Kindly provide all MHE type/model with wheel configuration and max wheel loads to be considered for the grade slab design	AGV's is expected to be used for movement of coaches (2 Nos. of AGV per coach) in Tandem arrangement. AGV self weight may be considered as 5.6T each and fully furnished coach weight may be considered as 55T.
317	General _ HFL		Kindly provide the HFL of the site, as it has nearby a Pond and Ditches	Bidder to collect the required details on their own for their assessment and quote accordingly.
318	Drawings Pg. 4 of 23	Gate Complex for Railway Entry	Kindly Confirm whether septic tank for sewage and water tank filling by trucks instead of water supply network for gate complex for railway entry building.	Water supply network need to be provisioned for railway gate complex. However, septic tank with soak pit for Sewage can be adopted which will be priced under the cost of facility itself.
319	Drawings Pg. 4 of 23	Master Layout - Shop Driveway	We presume 7m Wide shop driveway will be RCC Road	Yes
320	Drawings Pg. 4 of 23	Master Layout - Storm Water Drains	Can we consider open drain – Trapezoidal Earthen Drain along the Periphery road for storm water drain, Kindly Clarify.	Open concrete lined drain is to be considered.
321	General	Traverser	Kindly provide wheel loads for traversers as the Equipment is currently out of scope	AGV's is expected to be used for movement of coaches (2 Nos. of AGV per coach) in Tandem arrangement. AGV self weight may be considered as 5.6T each and fully furnished coach weight may be considered as 55T.
322	Drawings Pg. 13 of 23	Canteen Building - Roof	Kindly confirm type of roof – RCC or Steel	The type of roof in canteen building is steel.
323	Drawings Pg. 13 of 23	Fire Station – Inspection Pit	We presume no Inspection Pit. Kindly Confirm	Inspection pit is required at Fire station. Follow tender drawings
324	Technical Specifications Page 5 of 262 Page 22 of 262	Wind Speed = 47m/s , TC 1 Wind Speed = 39m/s, TC = 2	Kindly clarify the discrepancies	Basic wind speed of 39m/s and terrain category 1 to be adopted for both building and steel structures as per latest version of IS:875 (Part 3).
325	General	Fire Proof Painting	Kindly clarify the requirements of Fire proof Painting (intumescent paint) if any	Intumescent paint is not required.



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326	General	Car Body Fabrication Shed & Car body Testing Shed	We presume expansion joints can be considered as per codal requirements. If not kindly provide temperature variations.	Expansion joints are to be considered as per the codal provisions.
327	General	Car Body Fabrication Shed – Deflection Limits	Kindly clarify any specific deflection limits in Mezzanine Level for process equipment.	No deflection is permitted due to high level of robotics welding involved for the manufacturing of coaches.
328	General	Raw Material Storage Yard	Kindly provide type of Roof. Kindly section and Elevation.	Available facility Drawings have been provided in the tender. The drawings for the other facilities including raw material storage yard are to be proposed by the EPC contractor and get approved by BEML during the detail design stage on the basis of built up area and layout provided in the master layout.
329	Technical Specification 4. Compressed air distribution: Pg. 191/261	Air Compressors point of usage	Kindly provide the flow rate per consumption point. How many usage points are there in the shop?	The Capacity of the air compressor is 100 CFM and the usage points shall be at every alternate column at each bay.
330	Technical Specification Pg. 149/262 vs pg no 191/262	Compressor room - 5T SG Under slung crane but in other location it is mentioned as compressors & accessories will be installed in separate structural steel shed. 2 Ton underslung crane is envisaged in the shed.	Please clarify what will be the capacity of underslung crane?	No underslung crane is required for compressor room.
331	Technical Specification 15.3 proposed facilities Pg. no 208/262	Gas consumption	Please provide the industrial gas consumption for the AOM, ACM, Oxygen, Argon	Follow the quantity given under respective clause of Tender for quoting purpose. However, the supply is to be made as per actual requirement to be committed at the time of execution.
332	Technical Specification 15.3 proposed facilities Pg. no 208/262	Control Panel	Kindly confirm the control panel shall be of Automatic or Manual type	Automatic to be considered.



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333	Technical Specification 15.3 proposed facilities Pg. no 208/262	Leak detection	Kindly confirm whether the leak detection can be fixed at usage point because the pipe used here are weld hence no leakage is anticipated.	Follow tender specification requirements.
334	NIT 1.6.4.9 Compressed Air System Pg. 70/189.Compressor mounted on 500 Litres cylinder	Non-Availability of Oil free compressor	Tank mounted compressors are oil injected one. Kindly confirm Whether we can provide water injected compressor	Follow tender specification requirements.
335	NIT 1.6.4.9 Compressed Air System Pg. 70/189.Compressor mounted on 500 Litres cylinder	Non-Availability of Oil free compressor	Dedicated air compressor with dedicated dryer and receiver shall constitutes the compressed air system Please confirm	Confirmed.
336	General	Hook Up of Pneumatic lines and gas lines	We haven't considered any Hook up to the Process equipment. Our scope terminates at 1.5 meter from the floor level with an isolation valve	Yes confirmed.
337	General	Industrial gas termination	Gas pipe Termination shall be with the with an isolation valve from 1.5 mtrs from FFL. Please confirm	Yes confirmed.
338	General	Road crossing	Road crossing shall be through Pipe rack for the compressed air and Industrial gases. Please confirm.	Yes, confirmed.
339	Master Plan – FGL Levels	FGL Levels are Not available	Kindly furnish the FGL Levels for each building.	Refer Clause 1.6 Page No. 49 of 189 in NIT.
340	NIT, MEP & other services scope Page no 47 of 189	Process equipment's and testing equipment's	We understand that the supply installation, testing & commissioning of Production machineries, process equipment & product test equipment including isolation transformers, stabilizers, are excluded from scope.	Yes, confirmed.
341	General – MEP	Process & Testing Equipment's	Please share consumption data list for MEP Services	MEP systems are to be designed by EPC contractor. So, the assessment needs to be done by the bidder and quote accordingly.



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02-07-2026

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Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
342	Technical specification (page no 74 of 261)	Power Transformer Vector group	Please confirm the vector group of Power transformer. 6.6 A table 7.d. indicates "DNyn", we understand it as Dyn11.	Vector group for Power & distribution transformers is DYN11.
343	Technical specification (page no 99 of 261)		6.7 ILLUMINATION: Please share the lux level requirement for following areas and type of fixtures to be considered 1. Car Body Fabrication & Assembly line facility 2. Car Body Inspection & Testing line facility	Follow NBC guidelines for minimum lux level requirements
344	Technical specification (page no 99 of 261)	Power Transformer Tap changer	Please confirm the tap changer for power transformer, On load tap changer or Off load tap changer	Off load tap changer to be adopted.
345	Technical specification (page no 86 of 261)	SLD	LT POWER FACTOR COMPENSATION EQUIPMENT The Table provided in the Clause for Capacitor bank mentioned as "refer SLD". But we didn't receive any LT SLD. Please share the same.	Capacitor Bank rating in KVAR shall generally be 30-40% of the transformer capacity, which will be finalised during detailed design stage.
346	Technical specification (page no 86 of 261)	Cable trays	6.9 CABLE CARRIER SYSTEM: ladder type trays sizes mentioned 300, 450 & 600mm only. Please confirm shall we consider 750 & 900mm ladder trays also.	Yes, 750 & 900mm ladder trays can also be considered.
347	Technical specification (page no 106 of 261)	Armouring for LT cables	In Page no 89 of 261, HT/LT Cables: for LT cables specifications, "Cables for 415 V system shall be heavy duty, 1.1kV grade, PVC /XLPE insulated PVC sheathed aluminium conductor, double armoured type FRLS type". But in In Page no 106 of 261, LT Power Cable: for LT cables specifications, "LV power cables will be 1.1 KV Grade heavy duty, PVC/ XLPE insulated, flat strip Armoured, aluminium Conductor". Please whether we need to consider double armoured or single flat strip armoured.	Double Armoured cable to be used.
348	Technical specification (page no 103 of 261)	High Mast	Shall we consider 20mtr high mast with 12nos of 250W LED flood light, please confirm	Bidder to ensure that the sufficient lux levels required is achieved as per NBC guidelines.



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349	Technical specification (page no 103 of 261)	UPS	UPS: We assume parallel redundant system (1+1) with common battery bank of VRLA maintenance free (dry) batteries. please confirm	Confirmed.
350	Technical specification (page no 118 of 261)	VC for Conference room/meeting /Board room	7.3 VIDEO CONFERENCE(VC) SYSTEM There is no conference/meeting/board room or board room, we are not considering the VC system. Please confirm	VC for conference room is envisaged in Annexe buildings
351	Technical specification (page no 123of 261)	Locations for IT system inside process area,	Network components & subsystems: Please specify the locations where LAN points, Wifi Points are required in manufacturing and testing blocks.	In manufacturing area, LAN points shall be provided adjacent to electrical supply terminal boxes at every pillar and annexe building. Bidder is free to propose as per the industrial practice and submit line diagram for approval from BEML
352	Technical specification (page no 132of 261)	Access Control system	Access control system: Please specify the areas of access control in manufacturing and testing blocks	ACS shall be provided at main entry gate and admin block, In addition ACS shall also be installed at the entrance of Testing bay, substation and control room and all safety critical locations including IT server room. ACS is not envisaged in manufacturing block.
353	MRSS BUILDING GROUND FLOOR PLAN, SECTIONS AND VIEW	DG set Qty and Capacity.	Please confirm the number of DG sets to be provided as it is mentioned 2 no. in the BOQ and in the drawing, it is given as 3 no. Also confirm the capacity with Voltage details	Only 2 Nos. of DG sets are envisaged.
354	Technical specifications (page no 160 of 261)	Fire Tenders	Please Confirm whether the type of fire tenders is water type or DCP Type and numbers of fire tender single or two number	Both water and DCP type of fire tenders are required as per the following capacities and numbers. 1. DCP type - 1 Nos. of capacity - 4000 Kg. 2. Water Type - 1 Nos. of 10,000 Litres Capacity.
355	General	Roads	Kindly Clarify whether roads can be in vertical gradient.	Yes, however, the gradient should not exceed the limits specified under IRC and it should not .become a bottleneck for transportation of goods
356	General	Process hot/cold water requirement - Car body- Assembly / fabrication line& Inspection facility.	It is the understanding of bidder that there is no requirement of process hot water and chilled water for Car body- Assembly / fabrication line& Inspection facility. Kindly confirm.	Yes, not required.



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357	General	Spot supply / spot exhaust - Car body- Assembly / fabrication line& Inspection facility.	It is the understanding of bidder that there is no requirement of any spot exhaust system for Car body- Assembly / fabrication line& Inspection facility. Kindly confirm.	Yes, not required.
358	General	Specialised exhaust / hazardous exhaust / scrubber- Car body- Assembly / fabrication line& Inspection facility.	It is the understanding of bidder that there is no requirement of any specialized exhaust, scrubber / filtration system etc for Car body- Assembly / fabrication line& Inspection facility. Kindly confirm.	Yes, not required.
359	Technical specification Clause 5.7 - Metal Ducts	Zinc coating of duct	Kindly confirm on the GSM (zinc coating thickness) to be followed for site fabricated & factory fabricated ducts.	180 GSM
360	Technical specification Clause 5.4- 4 way Cassette unit	ix. The units shall comprise of following features:- - Four (4) way directional flow decorative grille - Each unit complete with Low noise (below 50db inside conditioned area), multi-blade centrifugal fan.	Grill shall be as per VRF OEM standard. Standard units of VRF OEMs will not have any decorative grills. Same cannot be considered. Please confirm.	Confirmed.
361	General	AC units which require standby for continuous operation	Please confirm on the areas which require 24x7 air conditioning with standby.	Only at server rooms
362	General	Population Details	Please furnish Building wise Population details and Male/Female Ratio. No shifts for Operation.	The total manpower deployment shall be around 1455 when plant would be operational in full capacity. A total of 875 persons are expected to work in one shift in manufacturing block and testing block combined together. Deployment shift wise (1, 2 & 3rd) to be considered in the ratio of 6:3:1 for manufacturing block and testing facility together. For annexe office and other areas the deployment to be considered as 100% in first & general shift and in other shifts minimum skeleton staff to be deployed to manage the respective functions. The ratio of female to male staff may be considered as 1:5. In other buildings, population may be assessed as per seating plan provided in the respective drawings
363	General	Inspection and Testing Facility Building.	As per tender Drawings, Toilet is not indicated in Inspection and Testing Facility Building. Please confirm	Confirmed
364	General	Rain Water Harvesting	Kindly clarify on rain water harvesting as underlying Soil layers are hard rock.	Recharge borewell of suitable dia in required numbers/ open pond to be planned.



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365	Tender Notice No. 6300040573 Page 34 of 189	N. Secured Advance on Materials Mobilization advance Note- Minor Penalty shall be levied for the period exceeding 60 days for consuming the material in works @ 2% of SBI PLR rate applicable at that point of time.	Kindly clarify the recovery rate whether it is "2% p.a." or "SBI PLR rate applicable at that point of time".	Yes, the rate is for per annum.
366	Tender Notice No. 6300040573 Page 43 of 189	1.4.1 Statutory Approvals: 3. Post Construction: (iii) CTO - EPC Contractor's Responsibility	Kindly confirm the scope of CTO Statutory Approval. We understand that Statutory Approval for (iii) CTO - (BEML's Responsibility with support of EPC contractor)	Follow tender conditions
367	GCC A.6, pg 105 of 189	If there are varying or conflicting provisions made in any one document forming part of the Contract, the PIC/OIC/EIC shall be sole deciding authority with regard to the intention of the document and his decision in this respect shall be final and binding on the Contractor	The decision of PIC/OIC/EIC shall not be final and binding. We request the decision shall be on mutual agreement basis, any dispute shall be addressed as per Dispute resolution mechanism. Kindly confirm.	Follow tender condition
368	GCC A7, Pg. 105 of 189	2.....However, the Accepting Officer shall have the rights to alter, modify, delete any content in such formats as deemed fit by him.	We seek that any such modification, alteration or deletion shall be made with mutual agreement of the parties. Kindly confirm.	Follow tender condition
369	GCC A10, Pg. 107 of 189	However, if any portion of site is not made available by BEML for any reason whatsoever no claim on account of this towards compensation or otherwise will be entertained.	We seek that the contractor shall be entitled to EOT and cost due to delay in handing over the site.	Follow tender condition
370	GCC C(b), Pg. 109 of 189	b) Liquidated Damages shall be applicable in the following cases:	We seek modification of the clause as "b) Liquidated Damages shall be applicable for delays attributable to the Contractor in the following cases:" Please confirm.	Follow tender condition
371	GCC C(c), Pg. 109 of 189	The amount of Liquidated Damages shall be adjusted or set off against any sum payable to the contractor under this or any other contract/s awarded by the Company	We seek deletion of this clause.	Follow tender condition
372	GCC C(d), Pg. 109 of 189	In case where the contract is subjected to levy of LD, the Chief Engineer shall be the authorised person to issue 'Work Completion Certificate', which shall be final and binding the Company as well as the Contractor concerned	We seek that the decision of chief engineer shall not be final and binding. We request the decision shall be on mutual agreement basis, any dispute shall be addressed as per Dispute resolution mechanism.	Follow tender condition



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373	GCC D.2(i), Pg. 111 of 189	Force majeure Clause as defined in NIT,	There is no definition provided in NIT, suggest to seek deletion of the following "Clause as defined in NIT". Force Majeure clause is detailed in clause EE (3) at page 139 of 189.	Follow tender condition
374	GCC D.2, Pg. 111 of 189	D.2 If the Work(s) be delayed by:	We seek inclusion of the following events in D.2 clause : "vi. Delays attributable to the Employer including delay in providing access to Site, vii) Delay in providing approvals, licenses and permits by statutory authorities and government bodies, despite the Contractor's reasonable efforts to procure such approvals, licenses, permits. viii) Any other cause of delay giving an entitlement of extension of time to the Contractor under the Contract ix) Change in design or scope of work; Additional works."	Follow tender condition
375	GCC D4.1, Pg. 112 of 189	Any or all such extension/s, if any, shall be deemed to have been granted under paragraph 3 of Section 55 of the Indian Contract Act, 1872 with right to claim LD, if intended.	We seek that LD shall be levied only for delays attributable to the contractor. Kindly confirm.	Follow tender condition
376	GCC F(iii), Pg. 115 of 189	The payment timelines as stated above is on an ideal condition and in the even of any delay in payment, no claims whatsoever due to delays on payment including that of interest shall be payable to the Contractor.	We seek deletion of this clause. Kindly confirm.	Follow tender condition
377	GCC F(v), Pg. 115 of 189	The rate for such item as decided by OIC/EIC is final and binding on the Contractor	We seek that the decision of OIC/EIC shall not be final and binding. We request the decision shall be on mutual agreement basis, any dispute shall be addressed as per Dispute resolution mechanism. Kindly confirm.	Follow tender condition



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378	GCC F(vi), Pg. 115 of 189	Any certificate given by the OIC/EIC relating to the Work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any Work or materials to which it relates is/are in accordance with the contract and specification.	We suggest that the no modification shall be carried out post certification.	Follow tender condition
		In case of any discrepancy, the OIC/EIC shall have the right to alter, modify, reduce or diminish the quantities or classification entered in the Measurement Books, any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the OIC/EIC under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract. In such cases, BEML shall have the right to recover any amount paid in an earlier bill/bill from a subsequent bill/bill and should the amount to be recovered be more than the amount of the subsequent bills, the Contractor shall on demand from the OIC/EIC immediately refund the amount to the BEML within 7 days failing which he shall have to pay	Hence, we suggest seeking deletion of this clause.	
379	GCC, Pg. 123 of 189	3. FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK	We seek that the Employer must, within 30 days, pay the Contractor for work completed, demobilization costs, goods ordered and delivered, and any other reasonable costs incurred in expectation of completion, along with reasonable compensation. The Employer must also promptly return the Contractor's performance securities.	Follow tender condition



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380	GCC, Pg. 123 of 189	4. DEFECT LIABILITY PERIOD: In case the amount available is insufficient to cover the expenses in full, that portion of the expenditure still remaining unadjusted shall be recovered from any of the subsequent bills due for payment to the contractor against any other contract	We seek modification of the clause as "In case the amount available is insufficient to cover the expenses in full, that portion of the expenditure still remaining unadjusted shall be recovered from any of the subsequent bills due for payment to the contractor against any other contract"	Follow tender condition
381	GCC P, Pg. 126 of 189	5. The certificate of the Engineer-in-Charge as to the value of Work done shall be final and conclusive against the Contractor provided always that action under this clause shall only be taken after giving notice in writing to the Contractor.	We seek that the certificate shall not be final and binding. We request all decision shall be on mutual agreement basis, any dispute shall be addressed as per Dispute resolution mechanism. Kindly confirm.	Follow tender condition
382	GCC Q, Pg. 128 of 189	In the event of the failing to do so within a period specified by the Officer-in- Charge in his demand aforesaid, then the Contractor shall be liable to pay compensation at the same rate as under LD Clause of the contract (for non-completion of the Work in time) for this default.	We seek deletion of this clause	Follow tender condition
383	GCC Q, Pg. 128 of 189	Decision of the Officer-in Charge to be conveyed in writing in respect of the same will be final and binding on the Contractor.	We seek that decision of the Officer-in Charge shall not be final and binding on the Contractor	Follow tender condition
384	GCC T(iv), Pg. 129 of 189	If this money to be recovered is higher than the Security Deposit, it will be recovered from any amount due to Contractor from any other contract in BEML or by any other means.	We seek modification of the clause as "If this money to be recovered is higher than the Security Deposit, it will be recovered from any amount due to Contractor from any other contract in BEML or by any other means. "	Follow tender condition
385	GCC T (12), Pg. 130 of 189	In case the amount available is insufficient to cover the expenses in full, that portion of the expenditure still remaining unadjusted shall be recovered from any of the subsequent bills due for payment to the contractor against any other contract	We seek modification of the clause as "In case the amount available is insufficient to cover the expenses in full, that portion of the expenditure still remaining unadjusted shall be recovered from any of the subsequent bills due for payment to the contractor against any other contract. "	Follow tender condition



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386	GCC Z(B), Pg. 133 of 189	a). In event of failure of both the parties to contract to reach any amicable settlement or conciliation of the dispute within 90 days from the date of first notice of dispute and within 15 days of failure of conciliation proceedings, either party to contract shall refer the dispute for settlement by "Arbitration" consisting of a sole arbitrator to be appointed by the IIAC, New Delhi (Plot No 6, Vasant Kunj Institutional Area, New Delhi a110070), as per the Rules of IIAC New Delhi and in accordance with the Rules of IIAC. The arbitration proceedings shall be conducted at New Delhi (Seat of Arbitration) or any other place mutually decided by and between BEML Ltd and the supplier/contractor.	We seek that all disputes arising from this contract shall be referred to Arbitration as per Arbitration and Conciliation Act, 1996 and any amendments thereof. There shall be three arbitrators. Each party shall appoint one arbitrator and the appointed two arbitrators shall appoint the third arbitrator who shall act as "Presiding Arbitrator". The seat and place of arbitration shall be New Delhi or Bangalore.	Follow tender condition
		In case of any dispute between the Company and any other Public Sector / Government department relating to the interpretation and application of the provisions of the contract, such disputes / differences shall be referred by either party to the arbitration of one of the arbitrators in the Department of Public Enterprises as per AMRCD Scheme of dispute resolution. The Arbitration and Conciliation Act, 1996 and amendment thereof shall not be applicable to this clause. The award of the Sole Arbitrator shall be final and binding on all the parties.		Follow tender condition
387	GCC DD(2), Pg. 138 of 189	2. Termination for Convenience of BEML ... The Contractor shall be paid for the work executed satisfactorily up to the date of termination, as certified by BEML.	We seek that the Employer must, within 30 days, pay the Contractor for work completed, demobilization costs, goods ordered and delivered, and any other reasonable costs incurred in expectation of completion, along with reasonable compensation. The Employer must also promptly return the Contractor's performance securities.	Follow tender condition



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388	GCC DD(5), Pg. 139 of 189	5. No Waiver Termination shall not prejudice any accrued rights, claims, or remedies of BEML arising prior to the date of termination.	We seek modification of the clause as "Termination shall not prejudice any accrued rights, claims, or remedies of both the parties arising prior to the date of termination."	Follow tender condition
389	GCC DD(7), Pg. 139 of 189	7. Survival Clauses relating to indemnity, intellectual property, confidentiality, risk purchase, damages, and dispute resolution shall survive termination of the Contract	We seek shorter survival period i.e. One (1) year from the date of completion or termination of Contract.	Follow tender condition
390	GCC EE, Pg. 139 of 189	2. To cancel the purchase order. Without prejudice to the foregoing rights, if such failure to deliver in proper time as aforesaid shall have arisen from any cause which BEML may admit as a reasonable ground for an extension of the time (and their decision shall be final) they may allow such additional time as they may consider justified by circumstances of the case.	We seek deletion of "(and their decision shall be final)" Without prejudice to the foregoing rights, if such failure to deliver in proper time as aforesaid shall have arisen from any cause which BEML may admit as a reasonable ground for an extension of the time (and their decision shall be final) they may allow such additional time as they may consider justified by circumstances of the case.	Follow tender condition
391	GCC EE(3), Pg. 140 of 189	Force Majeure conditions which directly affect the obligations to be performed by the Purchaser or the Supplier. Such events include war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities over which the Supplier or the acts on which the Purchaser has no control.	We seek inclusion of Force Majeure definition as "Force Majeure" means an exceptional event or circumstance: (a) which is beyond a Party's control, (b) which such Party could not reasonably have provided against before entering into the Contract, (c) which, having arisen, such Party could not reasonably have avoided or overcome, and (d) which is not substantially attributable to the other Party Force Majeure may include, but is not limited to events such as war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities over which the Supplier or the acts on which the Purchaser has no control."	Follow tender condition Follow tender condition



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392	GCC II, Pg. 141 of 189	II. INDEMNIFICATIONThe Contractor shall hold and save harmless and indemnify BEML and its employees, from all actions, suits, proceedings, loss, costs, damages, charges, claims and demands of every nature and description brought against or recovered from BEML and their employees by reason of any act, deed, omission or commission of the Contractor and/or his representative and/or his Employees and/or his sub-contractors in the execution of the works under the Contract.....	We seek modification of the clause as "The Contractor shall hold and save harmless and indemnify BEML and its employees, from all third party actions, suits, proceedings, loss, costs, damages, charges, claims brought against or recovered from BEML and their employees by reason of any act, deed, omission or commission of the Contractor and/or his representative and/or his Employees and/or his sub-contractors due to negligence or wilful misconduct in the execution of the works under the Contract."	follow tender condition
393	GCC II, Pg. 141 of 189	II. INDEMNIFICATIONAll the sums payable by BEML by way of compensation to any third party/ies, under any of these conditions, shall be recovered from the dues of the Contractor, without reference to the actual loss or damage sustained, and whether or not any damage shall have been sustained.	We seek modification of the clause as "All the sums payable by BEML by way of compensation to any third party/ies, under any of these conditions, shall be recovered from the dues of the Contractor, without reference to the actual loss or damage sustained, and whether or not any damage shall have been sustained."	Follow tender condition
394	Additional GCC F, Pg. 146 of 189	The Company shall, with the Engineer in charge written order to commence the works, give to the contractor, the use of so much of the site of works, as may in the opinion of the Chief Engineer be required in order to enable the contractor to commence and continue the construction of the works, and shall from time to time as works proceed give the contractor the use of such further portions of such site as the Engineer in charge may from time to time consider proper in that behalf, but the non-delivery in manner aforesaid of the use of such site or any portion thereof shall not vitiate or affect the contract, nor any provision contained in the specification nor entitle the contractor to any increased allowance in respect of money.	We seek that the contractor shall be entitled to EOT and additional cost for delay in handing over the site.	Follow tender condition



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02-07-2026

Name of the Work: Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raissen, Madhya Pradesh (India) on EPC Mode.

Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
395	Additional GCC M, Pg. 148 of 189	M. POWER TO VARY WORKS: Such value in case of dispute shall be ascertained by the Engineer in charge, who shall determine in all cases whether such previous determination and settlements were practicable or not, and in all the cases where he shall consider the same to have been practicable, the contractor shall not be entitled to make any claim in respect of such altered, or varied or further works if it shall, in the opinion of the Engineer in charge ,, if any special instance become necessary to execute any additional or substituted work, either wholly or in part by the day the claim therefor, shall not be recognized unless the contractor shall have delivered to the Engineer-in- charge , within one working day and so on from day to day a true and	We seek deletion of "and in all the cases where he shall consider the same to have been practicable, the contractor shall not be entitled to make any claim in respect of such altered, or varied or further works if it shall,"	follow tender condition
396	Additional GCC O, Pg. 148 of 189	O. WORKS TO BE EXECUTED IN APPROVED MANNER: The Engineer in charge, shall have full liberty at all reasonable time to inspect and examine the works, materials and workmanship, and may every such time reject any or all of such works, materials and workmanship which to him/them or either of them may appear defective, unfit or improper for the several purposes to which they are applied, or intended to be applied, or as not in accordance with the specification or the said drawings, memoranda, instruction or directions respectively.	We seek modification of the clause as "The Engineer in charge, shall have full liberty at all reasonable time to inspect and examine the works, materials and workmanship, and may every such time reject any or all of such works, materials and workmanship which to him/them or either of them may appear defective, unfit or improper for the several purposes to which they are applied, or intended to be applied, or as not in accordance with the specification or the said drawings, memoranda, instruction or directions respectively."	follow tender condition
397	Additional GCC P,	be paid for or allowed to the company by the contractor and it shall be competent for the Company to deduct the amount of such costs and charges along with overheads out of any sum or sums due or to become due from the company to the contractor under this or any other contract.	We seek deletion of "or any other"	Follow tender condition



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398	Additional GCC Y, Pg. 153 of 189	Y. FINAL MEASUREMENTS TIME:the company considers that Contractors claim is valid, they may appoint an officer, other than the Officer who made the final measurement and inspection vide Paragraph-28 above, and his report shall be considered as final and binding on the contractor. The Contractor shall have a representative present when the remeasurement or the appraisal is being made	We seek modification of the clause as "the company considers that Contractors claim is valid, they may appoint an officer, other than the Officer who made the final measurement and inspection vide Paragraph-28 above, and if the report submitted is not agreeable the parties shall resolve the dispute as per the dispute resolution mechanism"	Follow tender condition
399	Additional GCC MM, Pg. 157 of 189 GCC, Pg. 122 of 189	MM. VALUATION OF DEVIATIONS: 2. DEVIATIONS / VARIATIONS EXTENT	There is ambiguity in the clause GCC MM (Page 157) and GCC 2 (Page 122). We seek clarity which will prevail.	GCC 2 (Page 122) shall prevail.
400	Additional GCC LL, Pg. 160 of 189	LL. Scope Variation / Change Management 4. Variations Related to MEP, Utilities, and Services (b)The decision of Engineer-in-Charge shall be final and binding on the contractor.	We request the decision shall be on mutual agreement basis, any dispute shall be addressed as per Dispute resolution mechanism.	Follow tender condition
401	New clause in SCC	Change in law	We seek insertion of the following clause providing relief for changes in law, "If after the date twenty-eight (28) days prior to the deadline for submission of bids, if there is any change in the applicable laws, regulations, rules (including the introduction of new laws and the repeal, consolidation or modification of existing laws, change in the judicial or official governmental interpretation or implementation of the laws, any permit, permission, license or approval to be obtained by the Contractor, introduction of new taxes, changes in rates of existing taxes or cess), which affects the time allowed for carrying out the work as entered in the Contract or Contract value, then the Contractor shall be entitled to due extension of time and adjustment of Contract value to take account of such changes in laws"	Follow tender condition



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
402	New Clause in SCC	Limitation of Liability	We seek inclusion of a limitation of liability clause- "Notwithstanding anything stated in the Contract, the Contractor shall not be liable for any indirect or consequential loss or damage including loss of use, loss of profit, loss of any contract, loss of revenue, loss of business relating to this Contract. The aggregate liability of the Contractor arising out of or in connection to this Contract shall not exceed the Contract value"	Follow tender condition
403	Tender Notice No. 6300040573 Page 89 of 189	7. DEPLOYMENT OF TECHNICAL STAFF AND EMPLOYEESIf the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative (s) is/are effectively appointed or is/are effectively attending...	We seek that the engineer in charge's decision shall not be final and binding. We request the decision shall be on mutual agreement basis, any dispute shall be addressed as per Dispute resolution mechanism. Kindly confirm.	Follow tender condition
404	Tender Notice No. 6300040573 ITB, CI 23(b)(V), Page 96 of 189	The provisions of this clause shall survive completion or termination for whatever reason of the Tender Process or the contract	We seek shorter survival period i.e. One (1) year from the date of completion or termination. Kindly confirm	Follow tender condition
405	GCC, Page 112 of 189	E. Measurement Book (MB) All measurements of all items having financial value shall be entered by the Contractor and compiled in the measurement Book as per the format so that a complete record is obtained of all the items of Works performed under the contract.	Request to delete the entire clause E. Measurement Book (MB). Being Design & Build Lump Sum project, measurement with financials are not applicable & will not be submitted, as payments are governed by milestone billing breakup stipulated in the document. Please confirm.	Follow tender condition
406	GCC, Page 109 of 189	C. LIQUIDATED DAMAGES FOR DELAY IN COMPLETION OF WORKS: In case the Contractor fails to complete the works pay sum equal to 0.5% of the Contract sum (excluding non-tendered/extra items, if any) for every week's delay subject to maximum of 10% of the total final bill value of the Contract	Request to reduce Liquidated Damages to 0.25% of the Contract sum per week, max. 5% of the Contract Sum	Follow tender condition



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407	GCC, Page 111 of 189	D.3 In case the Work is hindered by the BEML or for any reason / event,..... the Contractor shall be entitled to only extension of time and no damages	Request you to consider cost compensation for the delayed period, in addition to the EOT for the reasons not attributable to Contractor.	Follow tender condition
408	GCC, Page 144 of 189	6. CONTROLLING OF CONTRACTOR LABOUR & POLICE VERIFICATION ii. The Contractor shall submit Police Verification Certificate to move inside BEML premises during execution of Work and shall submit as affidavit for conduct and credibility of the labour force engaged for the Work to the OIC/EIC	Request to delete the entire sub-clause (ii), as being a fast track project, conducting police verification for all workmen is practically not possible in the short duration and will impact the workmen mobilization at the project site and in turn the affect project progress.	Follow tender condition
409	GCC, Page 137 of 189	4. Termination for Contractor's Default ... b) Failure to achieve milestones or maintain progress of work as per the approved Project Schedule, and such failure continues for a period of 14 days after receipt of written notice from BEML. ... f) Sub-letting or assignment of the Contract or any part thereof without prior written approval of BEML. ... k) Failure to obtain statutory approvals, clearances, or compliances required under the scope of EPC obligations. ...	Request you to delete the sub-clauses (b), (f) and (k)	Follow tender condition
410	GCC, Page 119 of 189	(a) PAYMENT OF GST: Contractor shall be entitled to reimbursement of GST paid, upon submission of GST Invoice and GST Challan for having paid the same to the Department.	This will affect the project cashflow, hence we request to consider submission of previous month bill GST paid challan for release of current month bill including GST.	Follow tender condition



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411	Additional GCC AA, Pg. 154 of 189	iv. BEML shall arrange to recover from the contractors bills requisite amounts of both Employer's and Employee's contribution for both ESI and PF calculated on the basis of 25% of the value being taken as the labour cost and recover such amounts from the respective bills and keep the same in suspense account. On production of requisite documentary evidence supporting payment of ESI/PF Authorities/supported by the acquaintance rills, the amount earlier recovered from contractor's bills shall be paid duly adjusting the shortfall in remittance, if any.	This will affect the project cashflow, hence we request to consider submission of previous month compliance for release of current month bill without any withheld amount.	Follow tender condition
412	Tender Notice No. 6300040573 Page 90-91 of 189	B. Requirement of Technical Representative(s) and recovery rate List of Designations & Monthly deduction	The given list is very exhaustive, we request to limit the same to 5 key designation (or key personnels) i.e. Sr. No. 1 – Project Manager, 2 – Construction Manager, 3 – Planning Manager, 15 – HSE Engineer and 16 – QA/QC Engineer Request you to remove the balance designations from the recovery / monthly deduction	Follow tender condition
413	Tender Notice No. 6300040573 Page 92 of 189	C. Equipment Note : Failure to deploy the above equipment as per mutually agreed programme shall attract penalty @ Rs. 5,000/- per day of delay in deployment for each equipment.	We request you to delete the note for penalty of Rs. 5000 per day.	Follow tender condition
414	Tender document, GCC, CI no B , Page no 107	1. The successful Bidder shall be required to furnish security deposit for the fulfilment of contract and the amount shall be 10% of the value of the contract, to be paid by the contractor. No waiver can be allowed in this regard. Such security deposit shall not entail any interest payment on refund..	The Bidder requests the Employer to accept Bank guarantee@ 5% of the Contract Price towards Security /Performance Security, valid for the entire project duration. Kindly confirm the same.	Follow tender condition



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415	Tender document,NIT	18 Months	Kindly confirm whether time extension due to statutory approvals will be granted without LD.	Yes. If the statutory approval is in the scope of EPC contractor, he will have to establish that he has shown due diligence in the process and delay is solely attributable to the approving authorities.
416	Tender document, NIT, Page no 19	e. Presentation - Maximum 18 Marks	The Bidder requests the Employer to clarify detail breakup of presentation marks and evaluation criteria for maintaining the transparency.	The detail breakup of presentation marks are already provided in NIT Page no. 23.
417	Geotechnical Report-1		The Bidder presumes that Geo-technical report provided along with the Bid documents are preliminary and any variation in Soil Parameters / Strata would be compensated with time & cost. Please confirm	Bidders are required to assess the site condition thoroughly and no claim/ compensation whatsoever shall be entertained on account of ignorance or unawareness.
418	Topo Survey Report		The Bidder requests the Employer to clarify whether discrepancy in levels (MSL, railway connectivity) will be treated as variation.	Bidders are required to verify the levels at the site and quote accordingly and no claim/ compensation/ variation whatsoever shall be entertained in this account.
419	Scope of work, cl no 1.4 ,c, page no 42	c. Preparation of Architectural & Structural Designs of various technological blocks,..... It shall also include modifications, if any, required in the master plan and concept plans to meet the conformance to the local bye laws and the same, shall be done with the approval of BEML LTD.	The Bidder requests the Employer to confirm the approval timelines from BEML's end to avoid delay risk on contractor.	During the finalization of detailed execution schedule with EPC contractor after award of work this aspect shall be deliberated and timelines shall be decided on mutually agreed basis.
420	Site Conditions & Input Data		The Bidder requests the Employer to confirm the location for disposal and the ground improvement requirements.	Follow tender condition
421	Scope of work, cl no 1.4 ,f, page no 42	Obtaining vetting of structural designs from premier institutes i.e. IITs /IISC.	The Bidder requests the Employer to clarify whether cost & time of vetting shall be reimbursable	Cost of vetting to be considered by the bidder in their financial bid and shall not be reimbursed by BEML.



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422	Scope of work, cl no 1.4 j, page no 43	Obtaining Green Building Rating compliance (Minimum of GRIHA 3-star rating)	Kindly clarify whether certification cost & compliance cost is reimbursable.	Compliance as per GRIHA norms and obtaining approval and certification for minimum 3 Star, Green Building Rating for specific buildings/blocks from GRIHA Council, etc. are under the scope of EPC contractor. The applicable statutory fee for the same shall be reimbursed by BEML upon submission of fee receipt.
423	General		The Bidder presumes that Official/ Department fees shall be borne by Employer. Please confirm the same.	The statutory payments or fees made to Statutory Authority/ local bodies shall be reimbursed by BEML on production of proof of such payments. The contractor has to prepare all the documents as required and submit directly to the local statutory bodies under intimation to BEML.
424	General		Clarify whether external consultant cost will be reimbursed.	Any external consultant cost shall not be reimbursed.
425	Scope of work, cl no 1.4.1 page no 44	Failing to provide required statutory approvals within the stipulated time will result in imposition of penalty @ Rs 120 per day from the date of default or first notice of compliance given by BEML Ltd which ever is earlier.	The Bidder requests the Employer to waive off the aforementioned clause.	Follow tender condition
426	Tender document, Page no 114 & 115	F. RAR (RUNNING ACCOUNT REMITTANCE) BILLS PAYMENT On submission of RAR bills by Contractor to the OIC/EIC, 50% of the RAR Bill value shall be released within Ten (07) working days without detailed check on the claim The balance shall be released after the claim is scrutinized in detail as per procedure by BEML within Twenty-Eight (28) working days.	1) We shall submit monthly R.A. Bills on basis of work done. There shall not be any capping on Bill Value. 2) 70% of the Bill Value shall be paid on adhoc basis as per first payment cycle within 7 days from the date of submission. 3) Balance 30% amount shall be paid as per second payment cycle within 14 days thereafter. 4) Payment of Final bill shall be made within 45 days from the date of submission of Final Bill.. 5) Confirm certification timeline and payment cycle adherence.	Follow tender condition



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427	Tender document,M. Mobilization advance, Page no 33	1.1 Interest bearing recoverable Mobilisation Advance shall be paid to the Supplier(if requested by him) up to 10% of Contract Value after the following conditions have been fulfilled:	1) We request that a Mobilization Advance equivalent to 15% of the Contract Value be provided in a single instalment along with the issuance of the Work Order, Considering the heavy CAPEX involvement in the project 2) The Mobilization Advance shall be recovered on a pro-rata basis, commencing from the 3rd RA Bill, and shall be fully recovered before 90% of the Contract Value is achieved or paid. 3) Request interest-free mobilization advance or reduced interest	Follow tender condition
428	Tender document,M. Mobilization advance, Page no 33	O. Price variation clause applicable for Cement & steel (Reinforcement bars TMT Fe500 D & structural steel) only	Request inclusion of other major materials	Follow tender condition
429	Tender document, Page no 22	PLANT AND EQUIPMENT Plant and Machinery required for construction of factory ...	Request flexibility based on actual deployment strategy.	Follow tender condition



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430	Tender document, Page no 92	Numbers of plant, machinery/equipment indicated in the list is tentative and is not final. Failure to deploy the above equipment as per mutually agreed programme shall attract penalty @ Rs. 5,000/- per day of delay in deployment for each equipment .	Request removal/reduction due to practical mobilization constraints.	Follow tender condition
431	Tender document, Page no 88	7. DEPLOYMENT OF TECHNICAL STAFF AND EMPLOYEES	Request relaxation in initial stages	Follow tender condition
432	General		Clarify rate derivation methodology (market + OH %)	Follow tender condition
433	Tender document, Page no 109	C. LIQUIDATED DAMAGES FOR DELAY IN COMPLETION OF WORKS: a. In case the Contractor fails to complete the works and clear the site on..... as agreed Liquidated Damages and not as penalty, pay sum equal to 0.5% of the Contract sum (excluding nontendered/ extra items, if any) for every week's delay subject to maximum of 10% of the total final bill value of the Contract.	Request cap reduction to 5% in line with industry practice	Follow tender condition
434	Tender document, Page no 34	N. Secured Advance on Materials Mobilization advance (i) The contractor, on signing an agreement, shall be entitled to be paid during the progress of the execution of the work up to 75% of the assessed value of Cement and steel (Reinforcement Steel & structural steel)only	1) We request to provide the Secured Advance for Cement, reinforcement, structural steel strand shall be made at 100% of the invoice value.	Follow tender condition
435	Commencement date		Please provide the tentative commencement date of project	The tentative commencement of the project is from September 2026
436	Underground services		If any existing services require rerouting, the same shall be measured and paid separately as an extra item. Kindly confirm.	Bidder to assess the site condition thoroughly and quote accordingly. No variation/ extra item payments shall be paid in this regard.



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437	Power Supply		Confirm availability point and capacity for construction phase.	The power supply availability point is near the plant entry of capacity 33KvA.
438	Water Supply		Confirm pipeline point.	Near municipal solid waste disposal plant.
439	Interface with Railway		Clarify approvals and coordination responsibility.	The scope of statutory approvals are clearly defined in the NIT. Kindly refer Page no. 43.
440	Architectural DBR		Kindly provide the Architectural DBR	Any specific information required from the report for bidding purpose shall be provided based on the availability.
441	Structural DBR		Kindly provide the Structural DBR	Any specific information required from the report for bidding purpose shall be provided based on the availability.
442	General		Kindly confirm the approval status for (i) EC & CTE (ii) Building permission (iii) Building plan & site layout approval (iv) Fire NOC (v) Registration on Shram Suvidha Portal/ Madhya Pradesh Shram Seva Portal	1. Before physical commencement of project construction work (BEML's Responsibility) (i) EC & CTE - Under process (ii) Building permission - Under process (iii) Building plan & site layout approval - Under process (iv) Fire NOC - Under process (v) Registration on Shram Suvidha Portal/ Madhya Pradesh Shram Seva Portal - Under process
443	General		We request you to kindly allocate suitable land within the site premises for the labour camp	Land shall be allocated after the award of work to the successful bidder based on the availability.
444	General		Please provide the battery limit drawing for proposed work (mark on layout plan)	Boundary wall of the plant provided in the master layout is to be considered as battery limit
445	General		Kindly confirm the scope of compound wall.	Internal compound wall required to secure the facility as per the drawings and for the main gate entry apart from the boundary wall already constructed.
446	General		The Bidder requests the Employer to extend the due date of submission of Bid by at-least 30 days to enable the Bidder to submit most comprehensive and competitive offer.	Follow tender condition



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447		JV Experience (Full Credit to Lead Member)	We propose that experience executed through a Joint Venture be considered to the full extent of the Lead Member's scope and responsibility, particularly where the Lead Member has executed and managed the substantial portion of the works. In our case, GHV was the Lead Partner with 74% participation in the project and therefore request that the experience be considered in full for qualification and technical evaluation purposes.	Follow tender condition
448		Women Key Personnel	Kindly relax the requirement of minimum 30% women key personnel or treat the same as a non-mandatory criterion, considering the limited availability of experienced women professionals in specialized EPC, Industrial and Railway Infrastructure disciplines.	The percentage deployment of women work force as mentioned is preferred. However, bidder must ensure a suitable representation of work force by maximising the female employees count as desired by BEML.
449		Earnest Money Deposit (EMD)	Kindly permit submission of in the form of an Earnest Money Deposit (EMD) Insurance Surety Bond issued by an IRDAI-approved insurer in lieu of Bank Guarantee.	Follow tender condition
450	Drawings	Overall Master List of Drawings	Single Line Diagram (SLD) and detailed Schematic and Architectural Drawings for Electrical Works and Instrumentation & Process Control Systems are not received with NIT documents. Request to provide the above Drawings in Autocad for further workings	It is to be noted that the details available for this tender are from the preliminary/ conceptual level of studies only. The EPC contractor shall be responsible for carrying out detail design and drawings and propose for approval from BEML.
451	Geneal	Electrical Loads & Transformer Ratings	Electrical Load details for Manufacturing Equipment are not provided with documents. Request to provide the Load details and Transformer ratings for consideration	Please follow New SLD diagram provided in Annexure-1. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.



(A Govt. of India Mini Ratna Company under Ministry of Defence)

Pre-bid Queries – BEML Response to Pre-bid Queries from Bidders (Set - 1)

02-07-2026

Name of the Work: Electric works including regular and emergency power supply and distribution system, related installations & services (Fire, Gas, Compressed air, IT, BMS, etc.), MFA (Miscellaneous fixed assets) and other Land & Site development works including grading, levelling works in connection with setting up of a Rail Coach Factory hereinafter referred as BEML RAIL HUB FOR ADVANCE MANUFACTURING (BRAHMA) near Umaria village, Obaidullaganj, District- Raissen, Madhya Pradesh (India) on EPC Mode.

Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
452			OHE : Existing TSS details are required for the OHE design and preparation of the BOQ. Kindly provide the relevant TSS information at the earliest.	Please follow New SLD diagram provided in Annexure-1. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.
453	SLD - MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220	SLD	Please confirm whether we can follow the same SLD which shared along with old RFP Documents.	Please refer Annexure - 1 for New SLD diagram. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.
454	SLD - MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220	SLD	The technical specification specifies a short-circuit withstand capacity of 33 kV & 6.6 HT switchgear is 26 kA for 3 seconds, while the previous submitted SLD indicates 26 kA for 1 second. Please confirm the short circuit duration..	The short circuit duration to be considered is 01 Second.
455	SLD - MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220	Power Transformer	There are 2 # 8 MVA Power Transformer as per the SLD in the old tender documents. The same will be followed in the latest tender as well. Please confirm.	Please follow New SLD diagram provided in Annexure-1. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.
456	SLD - MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220	CSS Quantity	There are five CSSs as per the SLD in the old tender documents. The same will be followed in the latest tender as well. Please confirm.	Please refer Annexure - 1 for New SLD diagram. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.



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Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
457	SLD - MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220	Lighting Transformer sizing.	Two lighting transformers are indicated in the SLD. Please confirm whether both transformers are rated to handle the full lighting load with load sharing, or if the lighting load is divided between the two transformers.	Please refer Annexure - 1 for New SLD diagram. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.
458	SLD - MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220	Lighting power distribution.	All lighting loads are supplied from the Lighting Transformer and further distributed through the Main Lighting DBs (MLDBs). SLDBs are proposed in each individual building. Each SLDB is fed from two sources: one from the MLDB and the other from the respective Lighting UPS. Please confirm.	Lighting loads to be given from both SLDB and UPS
459	Technical Specification - Page 93 Of 261.	UPS Capacity	Critical Lighting (for entry, fire exit, staircase etc.,) is backed up by UPS with an N+N configuration. Emergency lighting UPS systems are designed to provide a 90-minute backup, in compliance with NBC 2016 requirements. (30 Minutes given in Specification). Please confirm.	Follow Tender Condition
460	Technical Specification - Page 93 Of 261.	UPS Capacity	Common UPS systems with 1-hour backup are provided in each individual building with an N+N configuration for automation system equipment, instrumentation system equipment, weighing systems, CCTV systems, FDA systems, telecommunication systems, LAN, and any other equipment as required. The same UPS supply will also be extended to workstations. Please confirm.	The same UPS line will not be extended for work stations
461	Technical Specification - Page 93 Of 261.	UPS System	Please confirm whether UPS for lighting and security require an isolation transformer at the output?	Isolation transformer is not required for lighting and security. It is required only for IT server.
462	Technical Specification - Page 105 Of 261.	Lightning protection system	External LPS shall be provided wherever applicable as per norms and calculations. Structural LPS is not proposed. Please confirm.	External LPS is to be provided



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02-07-2026

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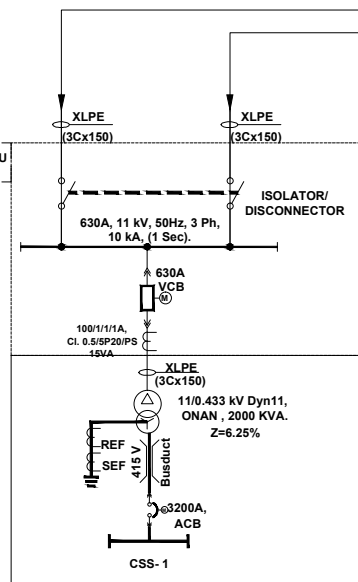
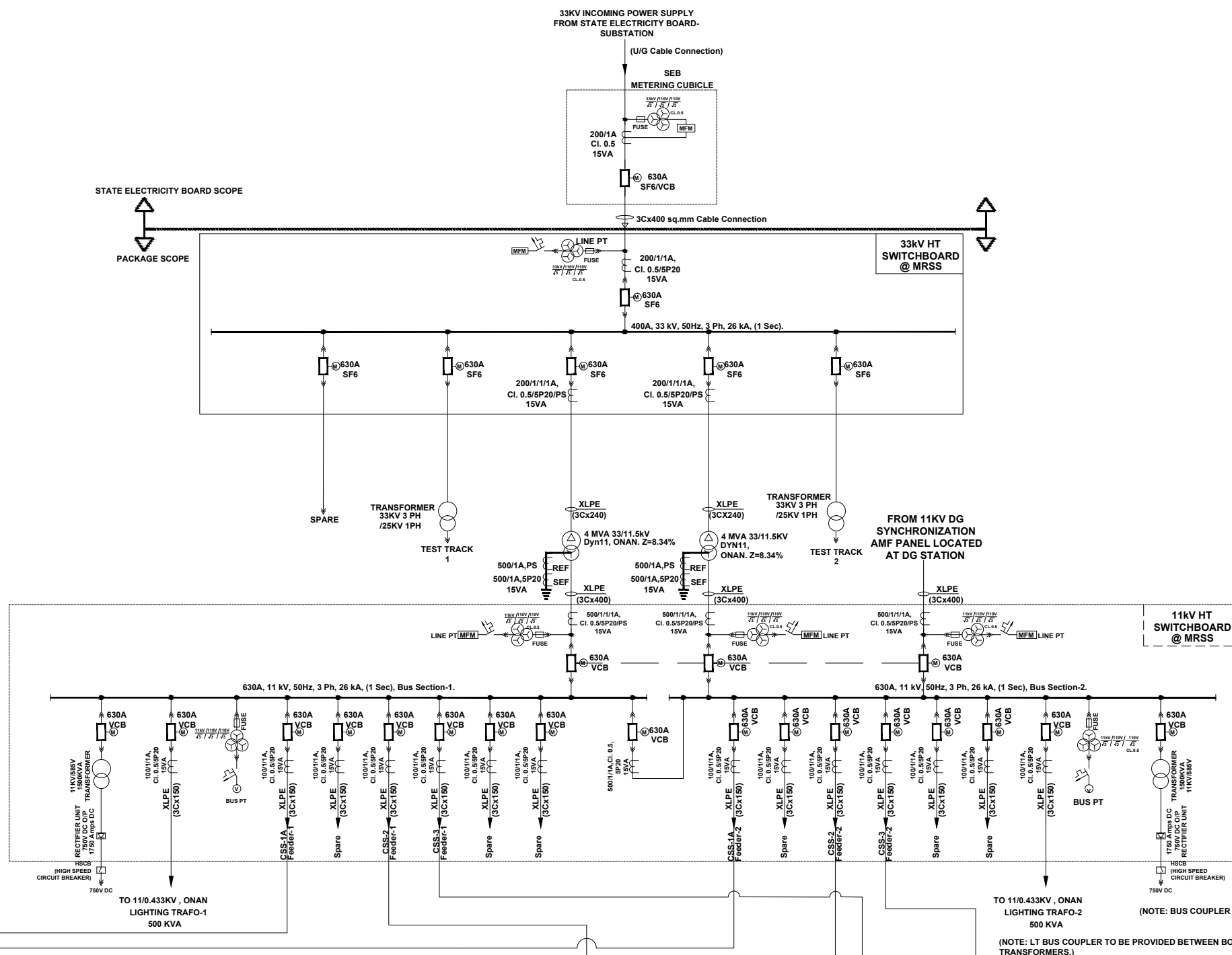
Tender Notice No. :6300040573 dated 25.05.2026

Date of Pre-bid Meeting: 06/06/2026

Sl. No.	RFP Clause Ref. and Page No.	Content of RFP requiring Clarification	Bidder Queries	Response/ Clarification by BEML
463	General - Electrical	Scheme for electrical services	Request to provide basic level scheme for electrical distribution	Please follow New SLD diagram provided in Annexure-1. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.
464	General - Electrical	Electrical Load details.	Please provide Electrical loads (power KW/KVA, Voltage, frequency, 3ph/1ph) along with demand factors for "Process & Testing Equipment" for sizing the transformer and other electrical equipment's	Please follow New SLD diagram provided in Annexure-1. It is to be noted that the new SLD diagram is conceptual in nature and is shared only as reference and quoting purpose only. EPC bidder shall need to design and prepare detailed SLD diagram during design stage and get it approved from BEML.
465	Technical specification (page no 74 of 261)	specification for 33KV HT panel	Please share the specification for 33KV HT panel.	As per general industrial standards to be provided by bidder for approval



1. All dimensions are in MM unless otherwise mentioned



Single line diagram of a 630A VCB system. The diagram shows a 630A VCB connected to a 630A, 11 kV, 50Hz, 3 Ph, 10 kA, (4 Sec) circuit. The circuit is protected by a 100/11/1A, CL 0.5/SP20PS 15VA relay. The VCB is connected to a 11/0.433 kV Dyn11, ONAN, 2000 KVA transformer with Z=6.25%. The transformer is connected to a 3200A, ACB circuit breaker. The system is grounded through a CSS-2 reactor.

Inspection and Testing Block

LEGEND

	MOTORIZED SF6/VACUUM CIRCUIT BREAKER - DRAW OUT TYPE
	11 KV ISOLATOR SWITCH
	MOTORIZED AIR CIRCUIT BREAKER - DRAW OUT TYPE
	TWO WINDING POWER/DISTRIBUTION TRANSFORMER
	THREE WINDING POTENTIAL TRANSFORMER STAR - STAR WITH FUSE
	MICRO PROCESSOR BASED MULTI FUNCTION METER WITH FOLLOWING: AMMETER, VOLT METER, ACTIVE POWER (IMP & EMP), MEGAVAR (I & E), MEGAWATT AMPERE REACTIVE HOUR (I& E), FREQUENCY, PREDICTIVE LOAD MANAGEMENT, PF METER ETC.
	CURRENT TRANSFORMER
	MCB

OVERALL POWER
DISTRIBUTION SCHEME

ROL: 27-11-25	SUBMITTED FOR APPROVAL	YM	YM	YM	Y
REVDATE	DESCRIPTION	BY CHK RVW APP			

REVISIONS	
CLIENT	



BEML LIMITED
BANGALORE



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BANGALORE

COMPREHENSIVE DETAILED
PROJECT REPORT (DPR) FOR
ESTABLISHING A
STATE-OF-THE-ART
GREENFIELD ROLLING STOCK
MANUFACTURING PLANT AT
BHOPAL, MADHYA PRADESH

TITLE SINGLE LINE DIAGRAM

KEY POWER DISTRIBUTION SCHEME

DRAWN: YM	CHECKED: YM	REVIEWED: YM	APPROVED: IF
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DATE: 27-11-2025	SCALE :	SIZE: A0
REF No.: 590062342/-0 dated 30 July 2025	PROJECT No.: I/0047	