



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

CORRIGENDUM NO. -3

Dated: 07/07/2026

PROJECT NAME: Engineering, Procurement & Construction pertaining to establishment of Rail coach factory including Civil Construction of manufacturing blocks, 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) on EPC Mode.

TENDER No.: 6300040573

DATE OF TENDER ISSUED: 25/05/2026

1. This Corrigendum shall form an integral part of the tender to be read in conjunction therewith.
2. All other terms and conditions remain unchanged.

Bidders are advised to acknowledge receipt of this Corrigendum on the Tender Form when submitting a bid.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
1	Chapter – 4	Masonry Wall, Flooring, Painting, Doors & Windows and Other Civil Works	32-44	Technical Specification

The following item is supplementary to the clause referred above and both is to be read in conjunction.

STRUCTURAL GLAZING

Providing and supplying aluminium extruded tubular and other aluminium sections in accordance with approved shop drawings and architectural drawings, aluminium quality in accordance with grade 6063 T5 or T6 according to BS 1474, and tolerances in accordance with DIN/EN standards from an approved extruder, including super durability (AkzoNobel) or super durable (Jotun) powder coating of 60–80 microns in accordance with AAMA 2604 in the necessary colour and shade as authorized by the Engineer-in-Charge. (The item comprises the cost of materials needed to fabricate extruded aluminium frames, such as sleeves, cleats, and SS screws. There will be no additional payments made to this account.

The Contractor shall undertake the complete design, engineering, fabrication, supply, installation, testing and commissioning of a Semi-Unitized (Grid Type) Structural Glazing System with open joints for both linear and curvilinear facade portions at all heights and levels of the building. The system shall be designed in accordance with relevant Indian Standards, including IS 875 (Part III) and shall successfully withstand proof testing at 1.5 times the design wind pressure without failure. The scope shall include preparation and submission of structural analysis, design calculations, shop drawings and all necessary engineering documents for approval by the Engineer-in-Charge. The work shall comprise supply and installation of aluminium framing members, cleats, sleeves, splice plates, pressure plates, cover caps and all associated accessories required for proper functioning of the glazing system. Supporting brackets shall be fabricated from Aluminium Alloy 6005-T5, while all anchor fasteners, bolts, nuts, washers and fixing accessories exposed to weather shall be of SS-316 grade with suitable nylon separators to prevent bimetallic corrosion. The scope shall further include provision of approved two-part structural silicone sealant, one-part weather silicone sealant, microwave-cured EPDM gaskets, spacer tapes, setting blocks, backer rods and all other necessary sealing components to ensure structural integrity, air-tightness and water-tightness. The glazing system shall be designed to accommodate surface temperatures ranging from 45°C to 55°C and a temperature differential of 25°C without inducing excessive stresses in any

component. The contractor shall provide fire-stop barriers, smoke seals, and solid-coloured aluminium flashings of minimum 1.0 mm thickness at all interfaces between the glazing and building structure to ensure complete weather protection. Adequate drainage and pressure equalization arrangements, including drainage holes, channels and gutter profiles wherever required, shall be incorporated to prevent water ingress and ensure long-term performance of the façade. The scope shall also include all scaffolding, cradles, cranes, lifting equipment, temporary works, safety arrangements, mock-ups, laboratory testing of materials and components, field performance testing, cleaning, protection and all incidental works necessary for successful execution and completion of the glazing system.

The following performance test are to be conducted on structural glazing system from the certified laboratories accredited by NABL (National Accreditation Board for Testing and Calibration Laboratories), Department of Science & Technologies, India. Performance Testing of Structural glazing system Tests to be conducted in the NABL Certified laboratories. Complete system shall be warrantee for minimum 10 yrs against design & workmanship defects, as specified and as directed by engineer in charge. The following performance tests shall be conducted:

1. **Air Leakage Test** as per ASTM E283, for both positive and negative pressures ranging from ± 50 Pa to ± 300 Pa, to verify the air infiltration performance of the glazing system.
2. **Static Water Penetration Test** as per ASTM E331, for pressures ranging from 50 Pa to 1500 Pa, to assess the watertightness performance of the glazing system.
3. **Dynamic Water Penetration Test** as per AAMA 501.1, for pressures ranging from 50 Pa to 1500 Pa, to evaluate the system's resistance to water penetration under dynamic conditions.
4. **Structural Performance Test** as per ASTM E330, to verify deflection and structural integrity under static air pressure, including proof testing at 1.5 times the design wind pressure without any failure, excessive deformation or permanent damage.
5. **Seismic Movement Test** as per AAMA 501.4, for movement up to 30 mm, to demonstrate the system's ability to accommodate seismic and inter-storey movements. This test shall be conducted at site.
6. **On-site Water Leakage Test** for pressures ranging from 50 kPa to 240 kPa (35 psi), to verify the watertightness of the installed glazing system under field conditions.

VISION GLASS PANELS

Vision glass panels (IGUs) comprising of hermetically-sealed 6-12-6 mm (24mm IGU THK.) insulated glass (double glazed unit) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface, an inner Heat strengthened clear float glass 6mm thick of approved colour and shade, spacer tube 12mm wide, desiccants, including primary seal and secondary seal (structural silicone sealant) etc. All complete for the required performances and the Architectural drawings, as per the approved drawings.

Glass of approved make having properties (Aqua Green/ Aqua Marine colour) are:

- (I) visible Light transmittance (VLT) of More than 40%
- (II) SF/Solar Heat Gain Coefficient Less than or equal to 0.27
- (III) U value of Less than or equal to 1.6 W/m² degree K

SPANDREL GLASS PANEL

The Spandrel Glass Panels comprising of 6mm thick heat strengthened monolithic float glass of approved colour and shade with reflective soft coating on surface, so as to match the colour and shade of the IGUs in the vision panels etc., all complete for the required performances as specified, as per the approved architectural drawings.

Coloured tinted float glass 6mm thick substrate with reflective soft coating on face, having properties as visible Light transmittance (VLT) of 56%, shading coefficient less than equal to 0.5 and U value of less than equal to 5.6 W/m² K etc.

OPENABLE PANELS IN VISION PANEL

Extra for openable side / top hung vision glass panels (IGUs) including providing and supplying at site all accessories and hardware's for the openable panels as specified and of the approved make such as heavy duty stainless steel friction hinges, min 4-point Cremona locking sets with stainless steel plates, handles, buffers to ensure air tight sealing etc. including necessary stainless steel screws/ fasteners, nuts, bolts, washers etc. The system shall comprise of 2 barrier gasket design & shall have provision for drainage uncontrol water entering the system, all complete as per the Architectural drawings, as per the approved drawings and details.

DOORS IN GLAZING

Extra for Fabrication, Supply, Installation, Protection, Cleaning & Handover Single & Double shutter aluminium framed glazed door with (6+12mm air gap+6 mm thick) 24mm IGU (Insulated glass unit) opening outward custom designed to with stand the design

wind pressure. The system shall have two barrier gasket system for weather sealing & provision for aluminium thrash hold at bottom. The profile system shall be as per detail drawings in total for outer and shutter frame assembly with minimum of 2 mm thickness. Door shutter shall be air tight and have crimped corner at top and SS tie rod at bottom for rigid connection. Including other accessories like Door closer / Door stopper / Door Lock all complete as per detail drawings and specification.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
2	1.12	Roads and Drains	11 of 261	Technical Specifications

The following item is a supplementary to the above referred clause and Both is to be read in conjunction.

All the proposed roads for the BRAHMA Rail plant should have proper road markings as per relevant IS Codes. Also, the geometric design (Horizontal and Vertical Curves) of the major roads (7m wide roads) inside the plant are to be complied with truck & trailer arrangement vehicle envisaged for transporting the rail coaches by road to ensure smooth movement of the truck and trailer arrangement vehicle.

The specifications for the truck & trailer vehicle arrangement are given below;

DETAILS OF TURNING FOR THE TARILER COMBINATION USED FOR TRANSPORTATION OF RAIL COACHES					
Outer radius (m)	Inner Radius (m)	Road Width at Turning (m)	Overall Length including Puller (m)	Overall, Height from GL (m)	Gradient
23.79	13	10.79	39.5	5.55	1 in 40

The specifications for the road marking are given below;

- **Thermoplastic Road Marking**

The thermoplastic material shall be homogenously composed of aggregate, pigment, resins and glass reflectorizing beads. The colour of the compound shall be white (IS colour No. 356). The pigment, beads and aggregate be uniformly dispersed in the resin. The material shall be free from all skins, dirt and foreign objects and shall comply with requirements indicated Table 800-9 of MORTH (Fifth Revision).

The material shall consist of a minimum 18% binder, minimum 30% intermixed glass beads, minimum 10% titanium dioxide, and maximum 42% calcium carbonate and inert fillers. Road Marking shall be of ordinary road marking paint, hot applied thermoplastic

compound or reflectorised paint as specified in the item and the material shall meet the requirements Table 800-9 of MORTH (Fifth Revision).

The properties thermoplastic material, when tested in accordance with ASTM D36/BS-3262- (Part I), shall be as below:-

1. Daylight luminance at 45° -65 percent min. as per AASHTO M 249.
2. Drying Time: When applied at a temperature specified by the Manufacturer and to the required thickness, the material shall set to bear traffic is not more than 15 minutes.
3. Skid Resistance: Not less than 45 as per BS:6044.
4. Cracking Resistance at Low Temperature: The material shall show no cracks on application.
5. Softening Point: 102.5° ±9.5° C as per ASTM D 36.
6. Yellowness Index: Not more than 0.12 as per AASHTO M 249.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
3	O.	EXCAVATION AND EARTHWORK:	125 of 189	NIT

The above referred clause stands deleted:

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
4	9.1.1	Scope	143 of 269	Technical Specifications

The above clause is amended as below

FOR	READ AS
f) Supply of power supply arrangement (clause #2.14), necessary spares, consumables, tools and tackles (clause #3), inspection and test certificates (clause#4), installation and commissioning (clause #5), documentation (clause #6), training (clause #7) and warranty (clause #8) as per General Terms and Conditions applicable for Bill #13for each crane.	f) Supply of power supply arrangement, necessary spares, consumables, tools and tackles, inspection and test certificates, installation and commissioning, documentation, training and warranty as per General Terms and Conditions applicable for Bill for each crane.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
5	1.6.4.12	Common Driveways/ Landscaping around the Facilities	143 of 269	Technical Specifications

The above clause is amended as below

FOR	READ AS
Development of Green Belt and Landscaping (37 Acres) Minimum 40% of total plant area shall be maintained as green cover were feasible. Green belt / landscaping shall be developed using a 3-tier vegetation structure:	Development of Green Belt and Landscaping (37 Acres) Green belt / landscaping shall be developed using a 3-tier vegetation structure:

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
6	9.1.2	Other Cranes	148 of 261	Technical Specifications

The above clause is amended as below

FOR					READ AS				
Other Cranes					Other Cranes				
The following Single girder under slung cranes are envisaged for maintenance of compressors / water system pumps.					The following Single girder under slung cranes are envisaged for maintenance of compressors / water system pumps.				
S. N	Location	Capacity	Height of lift	Span	S. N	Location	Capacity	Height of lift	Span
1	Compressor room	5T SG Under slung Crane	7.0m	10m	1	Water Pump house	2T SG Under slung Crane	4.5m	9m
2	Water Pump house	2T SG Under slung Crane	4.5m	9m					

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
7	1.5.3	SIGNAGES	46 of 189	NIT

The below mentioned specifications are supplementary to the above referred clause. Both to be read in conjunction for clarity

OVERHEAD INFORMATORY SIGNAGE

Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 of combination including subject matter, message (bi-lingual), symbols, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. Rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the engineer-in-charge. (Rectangular area of the sheet only shall be measured for payment).

Signages shall be provided at following facilities/location:

1. Name of the plant at main entrance gate with BEML logo.
2. Name of the gate with Gate Number at all gates with BEML logo.
3. Name of the facilities and capacity (wherever applicable) at the entrance of the facility. (Example: STP-250 KLD, Manufacturing block No-01, Inspection & Testing Bay No-01.etc.)
4. Direction boards at prominent places like road junctions / entrance gate etc.
5. Signage for Emergency Assembly Point.

NOTE: Signages shall be part of the facilities being designed and constructed. No separate line item is envisaged for payment purpose.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
8	1.6.3	Inter Bay Traversers	66 of 189	NIT

The following item is a supplementary to the above clause referred

Goliath Crane

Surface type traversers are now replaced by Goliath Crane. After completing the inspection and test protocols on fully furnished coach in inspection and testing bay, the coach shall be taken out of the testing bay from the Southern end and will be placed on the hardstand using Rail Road Vehicle (RRV). Goliath Crane provided across hardstand on southern end having overall width of 32m shall be lifting the coach, move it towards the west and place the same on the rail track on western side. The c/c span of the Goliath crane shall be 28.5m to accommodate coach length of approximately 26.33m. Also, the railway track envisaged in manufacturing bays shall be extending towards south in the full width of hardstand i.e. 32 m. likewise testing track envisaged in inspection & testing bay shall be extending outside the bay in the full width of hardstand on southern & northern end.

Though the supply of goliath crane is not included in the scope of EPC contractor; providing and fixing of rail to the hardstand for the movement of goliath crane along the length of hardstand is included in the scope of EPC contractor.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
9	Clause C -(a)	LIQUIDATED DAMAGES FOR DELAY IN COMPLETION OF WORKS:	109 OF 189	NIT

The above clause is amended as below;

For	Read
a. 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 nontendered/extra items, if any) for every week's delay subject to maximum of 10% of the total final bill value of the Contract.	a. 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 nontendered/extra items, if any) for every week's delay subject to maximum of 10% of the total executed value of the Contract.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
10	Chapter – 4	Masonry Wall, Flooring, Painting, Doors & Windows and Other Civil Works	32 of 261	Tender Specifications

The following item is a supplementary to the above clause referred

Wall cladding

Galvanized (Galvalume coating AZ150-150 g/m² Al-Zn alloy coating), Colour Coated (PPGI) profiled sheeting of tensile strength 550 MPA conforming to IS 277 / IS 15961. Minimum 0.6mm TCT (Total Coated Thickness). Trapezoidal / ribbed profile suitable for industrial cladding, minimum crest height: 28 mm, with zinc aluminium alloy of AZ-150(as per AS-1397: 1993). Sheet shall have a hot dip metallic zinc aluminium alloy Coating of zinc (43%), silicon (1.5%) and aluminium (55%) with total mass coating of 150 gms/sqm considering both sides together. Installation using self- drilling, self-tapping fasteners conforming to IS 1367. Fasteners shall be zinc coated with EPDM washers for watertightness. Side laps: Minimum one corrugation overlap. End laps: Minimum 150 mm with sealant bead. Butyl / PU sealant to be provided at all laps to prevent water ingress. Proper alignment to be ensured to maintain uniformity and aesthetic appearance. Ridge flashing, corner flashing, base trim, eave trim and openings flashing shall be of same material and finish.

Note:

1. The sheet shall have silicon modified polymer (SMP) coating of 20-micron thickness on exposed face and back coat pre-coating of 5–7-micron thickness on unexposed face.
2. The colour of galvalume steel sheet shall be approved colour and shade (BEML's Approval is required before sourcing).

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
11	10.2	FIRE TENDERS	160 of 261	Technical Specifications

1). Fire Tender (DCP) – 1 No.

S. N	SCOPE OF WORK / SUPPLY
1	GENERAL: DCP tender contains 4000kg of dry power in 2 vessels (2000kg each). The DCP tender fabricated on tata LPT 2518 / 48 or Ashoka chassis 2516 or Volvo or Mahinda AMW or EICHER. The DCP unit itself will have independent expellant gas assembly to discharge powder through two hose reels fitted with triggered type pistol grip nozzle from each vessel
2	CHASSIS: Modal: TATA LPT 2518 / 48 or Ashoka chassis 2516 or Volvo or Mahinda AMW or Eicher. Along with 1-sparer wheel / stepney
3	DCP Tank: 2-Nos
3.1	Material: 2- cylindrical tanks fabricated as per ASME code VIII Div-1 with 10 percent radiography of seams and 100percent radiography of T-joints. Tank hydraulically tested to 35kg/sqcm test certificate also shall be furnished at the time of inspection
3.2	Anti-corrosive treatment: sand blasting / tin coating from inside/ outside synthetic enamel PO-red in colour
3.3	Capacity: 2000kgX2Nos
3.4	Sheet: SA 515 Grade 60/70 or SA 516 GR 60/70
3.5	Shape: cylindrical
3.6	Design pressure: 20 kg/ sqcms
4	Safety disc: 1-no with each vessel
5	Safety valve: burst disc on tank calibrated to 21kg/sqcm
6	Free fluidity of DCP: Perfect fluidisation achieved through a set of diffuser nozzle
7	Working pressure of system: 14kg/sqcm
8.1	Nitrogen cylinders: Each tank mounted on the unit-8 Nos
8.2	Total 16 Nos end to cylinders
8.3	Capacity 56/60 litre (only one capacity to be in tender)
9	Expansion shock device: Independently provide each vessel to ensure that fluidity of dry powder is constantly maintained
10	Hose reel:
10.1	Quantity 2nos for each tank
10.2	Hose size 25mm X 30m long
10.3	Nozzle: trigger type piston grip nozzle
10.4	Discharge rate: 5kg/sec at a pressure of 14kg/sqcm

11	Monitor: 1-having 14kg/sec, 25kg/sec and 15kg/sec discharge rates at 3-position, the throw being approximately 45meter, 30 meter and 20meter respectively. Monitor traversing through 360 degrees in horizontal and +70 degree and -15deg in vertical plain
12	Driver cab
12.1	Type: -Close type with single compartment
12.2	Material: MS square tube 30X30X2mm structure, externally panelled with al sheet 16 SWG, internal panelling al sheet 16SWG
12.3	Seat: 2no plus one full six crew seat
12.4	Flooring: Al chequered plate 16SWG
12.5	Doors and lockers: 2-nos (1 on each side)
13	Controlled panel
14	Aluminium extension ladders 10.5m (IS:4571)—1 NO
15	Shovel (as per IS:274)- 1 NO
16	Pick axe small as per IS:550-1 NO
17	Fire man Access:(IS 926) -2 NO
18	Pick axe large as per IS:550-1NO
19	Accessories
19.1	Electric siren-1NO
19.2	Fog lamps-2NO
19.3	Reversing light-1NO
19.3	Traficators-1 set
19.5	Trafficators blinker type-1-set
19.6	Wind screen wipers 1-no
19.7	Tools for normal routine maintenance
19.8	Search light with 30meters cable
19.9	Adjustable spotlight
19.10	Inspection lamp
19.11	PA-system suitable for outdoor duty and capacity 1-No
19.12	Tool box for general maintenance kit-1-set
19.13	First aid box-1 no
19.14	Mud guard-1-set
19.15	Hydraulic jack 25-ton capacity-1-no
19.16	Spark and surge arrester: CCE approved spark and surge arrester along with original certificate to be handed over to BEML with supply 1-No
20	Finish 2-coats of primer NC based fire red (PO-red) in middle, inside cabin cream colour
21	Painting: name of department: BEML ltd in Hindi, and English must be painted on both the side
22	Acceptance tests: The acceptance test mentioned below to be given to complete satisfaction of inspecting officer
22.1	Stability: No overturning of fully Ladden and equipped vehicle at a horizontal

	angle of 27 degree from horizontal plane
22.2	Gradient: To be tested at an angle of 1:4 as per BIS
22.3	Articulation: to be tested for articulation and should not show any sign of stress during the test the clearance of the wheel wells to be checked for tolerance
22.4	Shower test: after completion of fabrication, the vehicle to be subjected to shower test as per the norms lead down under BIS the plan should not show any sign of leakages during test
22.5	Road Test: Road test to be carried out as per the parameters for breaking acceleration top speed etc...
23	Performance guarantee: manufacturer guarantee for design material workmanship and the performance of the complete unit for the period of 12-months from the date of commissioning of completed vehicle. Any mechanical defect, faulty workmanship or operational defects found during this period to be rectified by the vendor at BEML premises within reasonable time without any extra cost of BEML. The tank to be warranted against leakage for a period of 5-years after supply in writing.
24	Training: After supply of vehicle, vendor will provide training on operation and maintenance including chassis at BEML's site & charge for the same to be included in the price. Additional free training to be given at BEML's site within warranty period & when desired by BEML.
25	Approvals:
25.1	All equipment being quoted by vendor shall confirm to the latest version of relevant Indian standard.
25.2	Vendor shall mention the relevant standard reference, against each item governed by the Indian / overseas
25.3	vendor shall agree to provide certificates in original of all necessary or mandatory approvals in respect of the fire tender before dispatch to BEML Bhopal.
25.4	On placement of order, Fire tender is to delivered at BEML Bhopal. Transit insurance shall be included in vendor's scope.
25.5	After supply, vendor shall provide training in operation of their systems free of cost to BEML/CISF personnel.
25.6	On final supply, operation and maintenance manual, any electrical system manual etc., shall be handed over to BEML. All guarantee certificated for any/All accessories installed on the fire tender, shall be handed over to BEML.
25.7	Along with Techno-commercial offer, vendor shall submit a separate sheet listing all items (Installed on DCP Tender)
26	INSPECTION: -
26.1	All the inspection shall be carried out against relevant IS & Tender technical specification of BEML Jointly
26.2	Vendor shall agree to offer stage inspection of the fire tender in three stages. a) 1 st inspection for Tank & Allied Accessories.

	b) 2nd inspection for body work on chassis. c) 3rd inspection shall be final pre-dispatch inspection 3rd inspection will be done by CISF & BEML jointly.
27.	ERECTION & COMMISSIONING: Since the item is ready to use type and shall be delivered in ready to use condition in BEML, Bhopal. However, supplier's representative shall come & will make all the system fully ready to use again & demonstrate use of all items. And shall import training to our working personnel (Training period 7-days). Defect free & uninterrupted demonstration shall be contributed as successful commissioning. Further, Guarantee period will start after successful commissioning. Fuel required during the demonstration at BEML works shall be arranged by the vendor.
28	Registration at Bhopal: BEML shall arrange registration at Bhopal and annual insurance for vehicle.
29	Transit insurance as applicable for automobiles as per Govt. rules from the point of delivery to BEML CRX shall have to be arranged by vendor.
30	For Delivery: Vendor has to deliver the vehicle at the works of BEML, Bhopal & shall have to arrange driver / fuel / insurance, any other applicable documents etc., and other leviable Govt. Duties from various states where vehicle is passing. All bills' challans, receipts etc in respect of vehicle shall be handed over to BEML by vendor at the time of Delivery.

2). Fire Tender (water) – 1 No.

1	Chassis: - (included in vendors Scope) capacity = 25T, 280 BHP, type= MAN CLA or TATA or VOLVO or Mahindra or Eicher or Benz or Ashok Leyland along with one spare wheel / stepney. Drag Hook or eye of adequate strength and design to be provided at the rear & front of chassis by vendor
	PUMPING SYSTEM: -
	Type – centrifugal
	Make – Firefly or go-Vida or Rosenbauer
2	Discharge capacity – minimum 6000LPM at 8 kg/sqcm
	Material of construction: The pump body, casing, impeller and delivery outlet to be made of gun metal / bronze / stainless steel only. The pump should not have any aluminium parts. The impeller shaft to be of stainless steel and to be carried in anti-friction bearing as per the manufacturers standard design. Bearing housing to be of CI drain valve to be made of stainless steel.
	Pump suction inlet: The suction inlet of the pump should capable of being connected either directly to hydrant discharge outlets through header or to the water tanks of the vehicle size of inlet should not less than 140mm or 2X 100mm the connection from the water tank to the pump to be suitably sized (min 150mm)
3	Pump discharge outlets: there to be 6 outlets of 63mm each of standard size 63 mm with screw down type gun metal (LTB GR.2 of IS 318). Delivery valves having

	female couplings.
	Pump mounting: the pump to be rear mounted pump will have at least 4-mounting points, the mounting to be done on heavy “C” channels / plates only.
	Shaft sealing: self-adjusting type.
	Pump control panel: the entire system of control panel to be of open architecture type which will ensure that both the scheduled operation as well as preventive maintenance is affected easily. The control panel will have the following: - Pump to delivery outlets - Pump to monitor pump to colling line - Tank to pump suction - Outside source to pump suction - Water level indicator The above-mentioned connections are the min. requirements other connections / controls as maybe required can be provided by the manufacturer. The “pump engaged” indicator LED type will also be provided in the driving compartment along with the one mentioned on the control panel above to indicate that the pump shift has been successfully completed to the driver as well as the operator
	Pump priming system Type: twin piston reciprocating or water – ring or exhaust ejector type Make: firefly of GO-Vida or Rosenbauer or equivalent make Capacity: priming system must be capable of lifting water from 7-meters depth within 24 seconds.
	HP- pump The HP pump to be fully imported, CE certified / UL listed, separate unit driven by the side PTO of the Chassis. The capacity to be 150 LPM @ 100kg/sqcm pressure. The pump will have six plungers & positive displacements, working to its optimum capacity at not more than 1000RPM. Indigenous three piston / diaphragm pumps will not be accepted. The pump to be guarantee for a min life of 5000HRs of operation.
5	HOSE REEL Two hose reels (High- pressure type) to be provided for the auxiliary pump. The hose used would be minimum R1 type & rated for 130 bar working pressure two high pressure fog guns capable of discharging 75 LPM @ 100kg.sqcm pressure in jet or fog patterns to be provided at the end of the reel the jet range to be minimum 25mtrs.
6	POWER TAKE OFF (P.T.O): The P.T.O of heavy-duty type of a suitable ratio for the rated output of the pump & torque of the vehicle to be provided. The lever / switch for engaging the P.T.O to be provided in driver cabin. Necessary supports for PTO units, propeller shaft coupling, universal joints etc for power inputs to and outout from PTO units will have to be provided by vendor. MAKE: WEBSTER 4128 or SYALL or VAS.
7	COOLING SYSTEM: in addition to the radiator cooling. An indirect cooling system of the open circuit type to be provided to keep the engine from overheating during

	extended use in tropical climates & when ambient temperature is over 50degree Celsius. A flexible pipe, at least 5-meters long to be provided as spare, so that waste cooling water can be discharged away from vehicle. The pipe will have threaded end connectors.
8	Water Tank: the water tank to be of minimum 10000lts. Capacity & to be suitable mounted on the chassis in such way that the weight distribution is optimised. In addition, a 2% expansion space to be made in the tank over & above the water capacity. The tank to be fabricated out of MS plates min 5mm thick (externally epoxy painted & internally FRP Lined) all around except the top and baffle plates which to be of 4mm. the tank to be welded construction & to be die – pressed on all side to prevent distortion & to ensure torsional rigidity. Due care to be taken to ensure that butt-welded joints are minimized. Wherever butt-joints are unavailable, the soundness of weld-joints complete welding to be done using Mig welding process only. The tank to be hydraulically tested at 0.5kg/sqcm pressure to find out if there are any leakages. All the joints to be flanged type and will have O-ring sealing. Rubber gaskets will not be used anywhere in the plumbing. All the outlets and inlets from the tank to be taken by installing nozzles of suitable length and reinforcements pads.
8a	BAFFLES: thickness of baffle plate to be minimum 4mm and should be bolted type, the baffle to be designed that they do not distort / buckle under any circumstance during braking & cornering.
8b	MOUNTING: the tank to be mounted on rigid mountings which will prevent distortion due to chassis flexion. Suitable hooks / lifting eyes. To be provided on top of the tank to enable it to be lifted off the vehicle for maintenance / repairs.
8c	CONNECTION FOR FILLING: the tank to be filling orifice of 250mm & an inspection & maintenance manhole of 450mm at the top. The cover for this port to be hinged or threaded type apart from the above two more filling connection to be provided on the sides of the tank terminating in filling connection of 63mm male instantaneous couplings made of GM or SS material incorporated with a strainer. Valve to be of NRV / Ball / Butterfly type.
8d	DRAINING, CLEANING & REPAIRS: A 50 mm Dia drain line with a ball / butterfly valve to be provided to drain the tank for maintenance/ cleaning / repairs etc. A cleaning hoe of 250mm to be provided at the bottom of the tank & to be taken down to a point below the chassis without reducing the effective ground clearance.
8e	OVERFLOW: one overflow pipe of suitable diameter to be fitted to the tank. The diameter of the overflow pipe to be determined as per the filling connections provided. However, it should not be less than 100mm diameter in any case to ensure the tank does not get pressurized. The overflow pipe to be taken up to 2-inches higher than the top of the vehicle.
8f	LEVEL INDICATOR: A water level indicator to be provided near the control panel. The level indicator to be of graduated glass tube, clear acrylic or electronic type as per the manufacturer's standards.
9	FOAM PROPORTIONER: The foam proportioner should provide with the selector valve will have four settings. Each upward setting will result into an equal increase in the foam compound flow rate. The linkages of this purpose to be as

	simple as possible to avoid distortion due to chassis flexion.
10	MONITOR: the water monitors to be provided at a suitable location on the top of the vehicle the monitor to be of 4500LPM@10Kg/sqcm pressure. It should have provision for jet as well as spray patterns.
10a	MONITOR PERFORMANCE: the monitor to be capable of traversing through 360 degrees in horizontal plane, +75 deg & 15deg in vertical plane with discharge range of at least 65-meters in still air with water. The fog curtain to be 160 deg & the friction loss will be less than 10 psi through the monitor. The monitor to be designed for a continuous working pressure of 8-10kg/sqcm.
10b	MONITOR MATERIAL CONSTRUCTION: the material for the monitor & waterways to be chosen with a view that there will be prolonged use with brackish water & hence corroding materials will not be permitted.
10c	MONITOR COATING / PAINTINGS: Painting of monitor to be done using a good quality paint system. The paint used to be poly urethane only for enhancing fade resistance. The paint will be guaranteed for minimum 5-years against peeling, chipping, cracking and fading
11	PIPING & VALVES: complete pipeline circuit on the vehicle including water lines & fittings will be of SS 316 material only, including all water lines. All valves up to 2" size to be lever operated SS 316 ball valves & all valves above 2" size will be normal ball / butterfly valves but made of SS316. The valves to be of 3-piece design to ensure easy maintenance & repairs. Seats of the valves to be easily replaceable, readily available & at least 2-sets of spare seals to be provided for each size of valves. All sockets welded lines to be dry penetration tested and all the butt-welded joints to be radiographically tested. A flow chart and schematic diagram to be made and submitted with the technical bid
12	BODYWORK: enclosed accommodation for driver, officer in charge & four crew members to be provided in a double compartments drivers cabin as per the below given specs:
12a	INTERIORS OF THE CABIN: the cabin to be internally lined with a good quality PVC Coated aluminium sheets. Alternatively other systems of interiors will be accepted provided the same is on PAR with the latest tender in the latest trends in the international markets & as per new norms the entire floor of the crew cabin to be provided with a good quality anti-skid type vinyl matting. A first aid box to be provided in the cabin.
12b	STRUCTURE: The entire structure to be of welded construction made from MS pressed section & square tubes of Min 2mm thickness duly treated for corrosion resistance by zinc plating & two other pack epoxy treatment. Angles & channels used for the structure will be min. 3mm thick runners and cross members (wherever used) will be of minimum 6mm thickness.
12c	PANELLING: the outer panelling to be done from 3mm aluminium sheets and the internal panelling to be done from 2mm aluminium sheets treated for anti-slippage or with chequered sheets. The doors will be fitted with winding / sliding safety glasses. Sheets of outer panelling will be glued to the framework. Riveting / bolting / screws of any kind will not be permitted.
12d	SEATING: All the seats would have foam cushions & to be covered with good quality Rexene. The crew seat will have individual seating for the crew fitted with

	brackets for placements of breathing apparatus in an upright position. The seats to be of the wear and walk away type so that when the crew disembarks from the vehicle the BA sets should easily come off the seats with them. The seat bottom will be theatre type, which will automatically flip-up when the fireman gets up, thereby freeing up the space for easy embarking and disembarking.
12e	LOCKERS: Sufficient lockers to be provided to accommodate all the equipment / accessories accessible manner.
12f	ROLLER SHUTTERS: for easy operation of fire tender MCD (FRANCE) or Fierce (ITALY) make roller-shutters to be installed on both sides of the appliances. These shutters will be rooted inward underneath the roof giving unobstructed access to the equipment's lockers & the equipment accessories fitted in the vehicle. Roller shutters to be made of hollow rectangular shaped aluminium links which should be inter connected with the help of plastic / rubber profiles, sealings the roller shutter water tight when closed. They should be powdering terrain and slopes. a spring mechanism to be fitted so that the shutters are held-up at any point of opening. It would be easy to operate & will ensure that the shutters cab ne easily pulled down. The sections of the shutter to be powder coated / anodized to a smooth finish and aesthetic look. Guide rails should support the shutters over the entire length on both sides & make them torsion free the shutter should have a sturdy locking mechanism which will prevent accidental opening during movement of the vehicle. A master switch for isolating locker lighting circuit should also be fitted in the driver's cabin
12g	STORAGE OF EQUIPMENTS: for all watering fittings like branch pipes etc quick release type couplings on snaps clamps of spring steel (as per the manufacturers standards) to be provided which will be enable the operator to locate the desired equipment instantly & save valuable time.
12h	OTHER WORKS: The door of the cabin to be fitted with safety glasses. The driver to be provided with rear view mirror, the cabin to be ergonomically designed for long and comfortable run.
13	Electrical system: all the wiring to be properly fixed and to be protected against heat, oil and physical injury. To the extent possible all wiring will pass through conduits. All wires to be stranded copper or copper alloy conductors of a gauge rated to carry at least 125 percent of the maximum current for which the circuit is protected wiring to be uniquely identified at least every 2ft by colour coding or permanent marking
14	LADDER & LADDER GALLOWS: Ladder gallows with ladder to be provided for carrying 10.5 metres aluminium trussed type double extension ladder. The design to be such that the ladder can be released without difficulty from a reasonably position & will embody rollers to permit easily withdrawal by one man.
15	FITTINGS AND ACCESSORIES: the following accessories to be provided on the appliance 1. Spot light in front – 2Nos 2. Fog lamps -2Nos 3. Blinker type traffic indicator -4Nos 4. Search light with 30mtrs cable and tripod stand- 1Nos

	5. LED light bar (minimum 75-100 watts) makes grand or equivalent. - 1Nos
16	WORKMANSHIP & FINISH: The GVW of appliance should not exceed the rated GVW of the chassis manufacturer with all equipment's & crew the weight distribution diagram should not be submitted along with the offer.
17	PAINTING AND MARKING: priming the finished material with a zinc rich primer & then finally coated with a two-pack epoxy-based paint.
18	SURFACE PREPARATION: once the panelling is completed, all the outside surfaces should be surface treated & painted with a good quality paint system, like Du-Pont, PPG, sandbox etc, the paint to be polyurethane (PU) finished paint each coat of 50 microns DFT. Water lines to be painted red in colour & foam lines will be painted yellow in colour.
19	VEHICLE EXTERIOR PAINT: The vehicle and monitor should be painted with at least 2-coats of zinc phosphate epoxy primer each of 50-microns DFT and two coats of polyurethane finish paint each coat 50-microns DFT.
20	WATER AND FOAM LINE PAINT: water & foam lines should be painted with zinc phosphate epoxy primer each of microns DFT and two coats of polyurethane finished paint each coat of 50-microns DFT. Waterlines to be painted red in colour & foam lines will be painted yellow in colour.
21	DETAILS REQUIRED: the bidder should give the details of entire painting and process & also the details f in house painting facilities like paint booth etc., the colour for outside tube as per the latest international and Indian norms for the fire brigade vehicles. The user's name to be written on both sides with yellow colour
22	Reflective strips: Reflective stripes to be affixed to the perimeter of the apparatus
23	MARKING / NAME PLATES: shall be provided with stainless steel
24	OWNERS EMBLEM: Owner's emblem in original colour together with name (in HINDI and ENGLISH) to be written in golden yellow/ reflective white stickers / paint on both sides of the vehicle. "BEML Ltd, Bhopal"
25	Acceptance tests: The acceptance test mentioned below to be given to complete satisfaction of inspecting officer. Vendor will ensure that design of tender should not affect chassis parameters such as speed, turning circle, acceleration, endurance test, priming test, hydraulic testing etc all inspections & tests to be carried out by the vendor to the complete satisfaction of BEML representative. All testing parameters should be carried out at manufacturers premises & details of infrastructure to be provided at time of techno-commercial bid.
25.1	Stability: No overturning of fully Ladden and equipped vehicle at a horizontal angle of 27 degree from horizontal plane
25.2	Gradient: To be tested at an angle of 1:4 as per BIS
25.3	Articulation: Vehicle to be tested for articulation and should not show any sign of stress during the test the clearance of the wheel wells to be checked for tolerance
25.4	Shower test: after completion of fabrication, the vehicle to be subjected to shower test as per the norms lead down under BIS the plan should not show any

	sign of leakages during test
26.5	Road Test: Road test to be carried out as per the parameters for breaking acceleration top speed etc...
26.6	Performance guarantee: manufacturer guarantee for design material workmanship and the performance of the complete unit for the period of 12-months from the date of commissioning of completed vehicle. Any mechanical defect, faulty workmanship or operational defects found during this period to be rectified by the vendor at BEML premises within reasonable time without any extra cost of BEML. The tank to be warranted against leakage for a period of 5-years after supply in writing.
26.7	Training: After supply of vehicle, vendor will provide training on operation and maintenance including chassis at BEML's site & charge for the same to be included in the price. Additional free training to be given at BEML's site within warranty period & when desired by BEML.
27	Approvals:
	All equipment being quoted by vendor shall confirm to the latest version of relevant Indian standard.
	Vendor shall mention the relevant standard reference, against each item governed by the Indian / overseas
	vendor shall agree to provide certificates in original of all necessary or mandatory approvals in respect of the fire tender before dispatch to BEML Bhopal.
	On placement of order, Fire tender is to delivered at BEML Bhopal. Transit insurance shall be included in vendor's scope.
	After supply, vendor shall provide training in operation of their systems free of cost to BEML/CISF personnel.
	On final supply, operation and maintenance manual, any electrical system manual etc., shall be handed over to BEML. All guarantee certificated for any/All accessories installed on the fire tender, shall be handed over to BEML.
	Along with Techno-commercial offer, vendor shall submit a separate sheet listing all items (Installed on water bowser Tender)
28	INSPECTION: -
	All the inspection shall be carried out against relevant IS & Tender technical specification of BEML Jointly
	Vendor shall agree to offer stage inspection of the fire tender in three stages. d) 1 st inspection for Tank & Allied Accessories. e) 2 nd inspection for body work on chassis. 3 rd inspection shall be final pre-dispatch inspection 3 rd inspection will be done by CISF & BEML jointly.
29	ERECTION & COMMISSIONING: Since the item is ready to use type and shall be delivered in ready to use condition in BEML, Bhopal. However, supplier's representative shall come & will make all the system fully ready to use again & demonstrate use of all items. And shall import training to our working personnel (Training period 7-days). Defect free & uninterrupted demonstration shall be contributed as successful commissioning. Further, Guarantee period will start

	after successful commissioning. Fuel required during the demonstration at BEML works shall be arranged by the vendor.
30	Registration at Bhopal: BEML shall arrange registration at Bhopal and annual insurance for vehicle.
31	Transit insurance as applicable for automobiles as per Govt. rules from the point of delivery to BEML CRX shall have to be arranged by vendor.
32	For Delivery: Vendor has to deliver the vehicle at the works of BEML, Bhopal & shall have to arrange driver / fuel / insurance, any other applicable documents etc., and other leviable Govt. Duties from various states where vehicle is passing. All bills' challans, receipts etc in respect of vehicle shall be handed over to BEML by vendor at the time of Delivery.
33	Accessories
	Aluminium extension ladder-10.5-metre-long trussed type-1no's
	Heavy duty PVC suction hose with round thread couplings- 2.5 metre long-4no's
	Synthetic jacketed delivery hose as per BIS type 'B' 63mm, 22.5 metre with couplings-10no's
	Suction strainer of gun-metal LTB Gr 2 of IS 318-2no's
	Basket strains for above GM suction strainer-2no's
	Suction wrenches for above GM suction strainer-1pair
	Dividing breaching Gun metal LTB Gr of IS 318-20no's
	Collecting breaching Gun metal LTB GR 2 of IS 318- 2no's
	Hand controlled branch pipe gun metal LTB Gr 2 of IS 318-1no's
	Long line terylene 50 mm circumference 30m long-2no's
	Short line terylene 50 mm circumference 15m long-2no's
	Hose bandages rubberized-12no's
	Hose clamps-6no's
	Branch pipe gun metal LTC Gr 2 of IS 318-4no's
	Nozzle for branch pipe of various sizes gun metal LTB Gr 2 of IS 318-10 no's
	Adaptor double female instantaneous pattern gun metal LTB Gr 2 of IS 318-2no's
	Adaptor double male instantaneous pattern gun metal LTB Gr 2 of IS 318-2no's
	Nozzle spanner gun metal LTB Gr 2 of IS 318-2 no's
	Rubber gloves- 6 pairs
	Light bar installed outside on front top of cabin (Halogen strobe – LED) of red-white -blue colour-1nos
	Electrically operated wailing siren of high pitch to be provided-1no's
34	Spark and surge arrester: CCE approved spark and surge arrester along with original certificate to be handed over to BEML with supply 1-No 1. Tapania / Jhalani make tool kit- 1 no's 2. Hydraulic jack of 25T capacity- 1no's 3. First Aid Box- 1no's

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
12	1.6.4.6	Water Supply and Fire Water Pump House	68 of 189	NIT

The above clause is amended as below;

For	Read
Water Supply and Fire Water Pump House The Water Supply and Fire Water Pump House are designed to accommodate raw water and fire-fighting water systems within a compact yet accessible layout. The building adopts a single-storey industrial form with adequate internal clear heights for pump installation, maintenance, and overhead piping. This combined pump house is a RCC structure with a height of 6m & pump house of height 8m. Water reservoir is RCC type above ground structure, Pump house is RCC column with brick wall type structure. The building is RCC structure building with total Built up area is 850 Sq. m.	Water Supply and Fire Water Pump House The Water Supply and Fire Water Pump House are designed to accommodate raw water and fire-fighting water systems within a compact yet accessible layout. The building adopts a single-storey industrial form with adequate internal clear heights for pump installation, maintenance, and overhead piping. This combined pump house is a RCC structure with a height of 6m (Sump) & pump house (Industrial Shed) of height 8m. Water reservoir is RCC type above ground structure, Pump house is RCC column with brick wall type structure. The building is an Industrial shed building with total Built up area of approx. 859 Sq. m

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
13	1.6.4.7	MRSS	70 of 189	NIT

The following item is a supplementary to the above clause referred

In the switch gear room of MRSS an area measuring 3m x 3m to be identified which shall have wall enclosures and perforated metal false ceiling for installation of VFD & other temperature sensitive electronic panels.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
14	1.6.4.6	STP	69 of 189	NIT

The following item is also included in the civil scope of STP as described in the above referred clause

A toilet of standard size consisting of 1-No. floor mounted EWC with flushing cisterns & 1-No. Hand wash Basin of Standard size to be constructed in the premises. The toilet shall have all required toilet accessories, fittings & fixtures.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
15	F. Scoring criteria	Experience in similar nature of works, 2, B	19	Corrigendum - 1

The above clause is amended as below;

For	Read
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/infrastructure/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)-

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
16	Annexure - 5	Power of Attorney		

ANNEXURE-5 POWER OF ATTORNEY is Revised as follows

To be typed on non-judicial Stamp Papers of appropriate value as applicable and notarized

Know all men by these presents, that I/We----- (name of the firm/consortium members and address of registered office) do hereby make, nominate, constitute and appoint Mr [•], whose signature given below herewith to be true and lawful Attorney of M/s [•] hereinafter called 'Company', for submitting bid/entering into Contract and inter alia, sign, execute all papers and to do necessary lawful acts on behalf of Company with M/s BEML Limited, BEML Rail, Plant, Bhopal, ZONE-1 M.P. Nagar, Bhopal- 462011, M.P. in connection with [•] vide Tender Ref No. 6300040573 Dated 25.05.2026

And the Company do hereby agree to ratify and confirm all acts, deeds, things or proceedings as maybe lawfully done by the said attorney and by or on behalf of the company and in the name of the company, by virtue of the powers conferred herein and the same shall be binding on the company and shall have full force and effect.

This power of attorney is issued regular and valid pursuant to the Resolution passed by the Board of Directors of the Company in their meeting held on (**date of board meeting**)

IN WITNESS WHEREOF, the company has executed the power of attorney through its authorized director/ CEO on this (**Day**) of (**month**), (**year**).

FOR (Name of the limited company)

(Signature of authorised director/ CEO with seal)

Name: (Name of the director)

Designation:

Place & date

Specimen Signature of the Attorney:

Attested by: Authorized Director / CEO

NOTE- This POA should accompany a resolution passed by the Board of Directors authorizing the issuance of the POA and the signing authority of the executant.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
17	1.6.1	Annexe Building	58	NIT

The revised floor wise sitting arrangement for the Annexe Building units have been provided in **Annexure – 1**.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
18	1.6.4.4	Main Gate Complex with Security Office	68 of 189	NIT

The above referred clause has been amended as follows;

1.6.4.4 Main Gate Complex with Security Office

The Main gate complex building is integrated with Security office. This is RCC structure building. This is Ground +1 building structure. Total Built up area is 863 Sq. m. This building has a provision for entry / exit for all employees with access control system. This Main Gate will provide access to main security building from employee entry. The main gate complex is an RCC structure of G+1 floor with gate pass, scanning and security monitoring area.

The building shall have the following facilities:

- Reception and waiting area
- Scanning area
- Staff room
- Monitoring room
- Chief security room
- Sliding Gate at Plant Entry (Facility 7A as per Revised Master Plan)

Being the main entrance to the factory, the facia and facade of the gate complex have to be aesthetically beautiful, facade is to be aesthetically appealing and combination of different treatment such as dry-stone cladding, ACP (aluminium composite panel), Rustic textured paint, Exterior grade acrylic emulsion paint. Etc., should be planned in consultation with BEML before execution. The area of parking at entrance gate should be provided with heavy duty paver blocks of approved colour combination and shade.

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
19	1.6.4.5	Gate Complex at Railway Siding Main Gate Complex with Security Office	68	NIT

The above clause name i.e. “Gate Complex at Railway Siding Main Gate Complex with Security Office” shall read as “Gate Complex at Railway Siding”

Sl. No	Reference Clause No	Clause Name	Page No.	Document Name
20	1.6.4	Associated Building/ Facilities Description	66 of 189	NIT

The following item is a supplementary to the above referred clause:

1.6.4.13 Hardstand for parking (covered):

A covered hardstand for parking of approximate area of 4650m² is envisaged for parking of approximately 100 Cars and 400 Two wheelers using interlocking concrete paver blocks as per relevant IRC and IS codes (IRC: SP:63 and IS 15658). Suitable base preparation is to be resorted to for laying of paver blocks. The grade of the paver blocks shall be of minimum M40 and 60 mm thick. The roofing shall be of galvalume sheets. **The cost of this facility is to be quoted along with the Raw Material Storage Yard Facility (i.e. Item No. B (3) under Civil & Structural Works. The successful bidder shall submit the cost breakup of this facility separately before the award of contract.**

21. General (Pre-Bid Queries)

Having the bid submission date extended by 21-Days beyond the initial 45-days bid submission time, the queries from the bidders (if any) shall be entertained only if they are received on or before **15/07/2026**. The BEML will reply to only those queries which are received before the scheduled date as mentioned above.