

TENDER SPECIFICATION

SI No	E-Tender Specification Number	Description of Work
1	BHE/PW/PUR/PSWR-RC-TPT/3162	FRAMEWORK AGREEMENT FOR TRANSPORTATION OF VARIOUS BHEL-PSWR CRANES AS PER ATTACHED APPENDIX-A, OTHER T&P AND ANY OTHER PLANT MATERIALS FROM ONE SITE TO ANOTHER SITE LOCATED AT VARIOUS PARTS OF THE COUNTRY ON DOOR DELIVERY BASIS

VOLUME – I

FOR

VOLUME I – TECHNICAL BID

THIS TENDER SPECIFICATION CONSISTS OF:

Notice Inviting Tender	
Volume-IA	Technical Conditions of Contract
Volume-IB	Special conditions of Contract
Volume-IC	General conditions of Contract
Volume-ID	Forms & Procedures
Volume-IE	Technical Specifications
Volume II	Price Bid

Bharat Heavy Electricals Limited
(A Government of India Undertaking)



Power Sector - Western Region
345-Kingsway, Nagpur-440001

CONTENTS

Volume No	Description	Hosted in website bhel.com (Briefly) and detailed in BHEL e-Procurement Portal as files titled
NIL	Tender Specification Issue Details	(Part of <u>Vol-IA-3162</u>)
NIL	Notice Inviting Tender	(Part of <u>Vol-IA-3162</u>)
I-A	Technical Conditions of Contract	Vol-I-A-3162
I-B	Special Conditions of Contract	VOID
I-C	General Conditions of Contract	(Part of Vol-I-CD-3162)
I-D	Forms & Procedures	(Part of Vol-I-CD-3162)
--	HSE Plan	(Part of Vol-I-CD-3162)
II	Price Bid Specification as specified in E-Procurement Portal	Volume-II- 3162

3162

TECHNICAL CONDITIONS OF CONTRACT (TCC)

BHEL PSWR
Notice Inviting Tender

E-Tender Spec No: BHE/PW/PUR/PSWR-RC-TPT/3162

Page 4 of 48

01	Koradi Thermal Power Plant	2x660MW Koradi Thermal Power Plant, Nagpur Maharashtra
02	GSECL Ukai	1x800MW STPP GSECL Ukai, Dist.- Tapi, Gujarat- 394680
03	CSPGCL Korba	2x660MW CSPGCL Korba West Chhattisgarh - 495450
04	PVUNL Patratu	3X800MW PVUNL Patratu, Post –PTPS Ramgarh, Jharkhand - 829119
05	TALCHER	BHEL Site Office, 2X660 MW NTPC Talcher, POST: TALCHER THERMAL, NEAR TALCHER THERMAL TOWNSHIP, DISTT-ANGUL PIN -759101, ODISHA
06	KORBA FGD	BHEL Site office, FGD Project Office, Near Gate No.01, NTPC Korba STPS, Korba- 495450 (Chhattisgarh)
07	BHILAI FGD	BHEL Site office, 2X250MW, NSPCL Bhilai FGD Project, Bhilai, District- Durg, Chhattisgarh - 490021
08	BHUSAWAL	BHEL Site Office, 2x500 MW MSPGCL, Bhusawal TPS, Deep Nagar PO, Dist. Jalgaon, Maharashtra - 425307
09	SIPAT FGD	BHEL SIPAT FGD Stage-II, Dist- Bilaspur, Chhattisgarh- 495555
10	MANUGURU FGD	BHEL Site Office, 4X270 MW Bhadradri TPS, Vill: Ramanujavaram, Distt: Khammam, Telangana-507117
11	NTPC RAMAGUNDAM	BHEL Site Office, 2X800 MW, P.O. Jyothinagar, Dist. Karim Nagar, Ramagundam, Telangana - 505215
12	MAUDA FGD	BHEL Site Office, 2x500 MW STPS, PO: Mauda, Distt: Nagpur-441 104
13	WANAKBORI	1X800 MW Galteshwar Taluka, Kheda District, Wanakbori, Gujarat - 388239
14	Upcoming	1x660MW Satpura, Madhya Pradesh
15	Upcoming	1x660MW Amarkantak, Madhya Pradesh

NOTE: THE LIST PROVIDED ABOVE IS NOT EXHAUSTIVE. IN FUTURE NEW SITE WILL BE ADDED WHICH WILL BE COMMUNICATED TO TRANSPORTER.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

FRAMEWORK AGREEMENT FOR TRANSPORTATION OF VARIOUS BHEL-PSWR CRANES AS PER ATTACHED

APPENDIX-A, OTHER T&P AND ANY OTHER PLANT MATERIALS FROM ONE SITE TO ANOTHER SITE LOCATED

AT VARIOUS PARTS OF THE COUNTRY ON DOOR DELIVERY BASIS.

1.0 SCOPE OF WORK:

- 1.1** Bidder shall provide **Trucks/Mechanical Trailers/Mechanical Low Bed Trailers/Hydraulic Trailers** for the transportation of cranes & its subassemblies as detailed in the loading plan of the crane (Refer enclosed **Appendix-A**).
- 1.2** Apart from crane, Bidder shall provide **Trucks/Mechanical Trailers/Mechanical Low Bed Trailers/Hydraulic Trailers** for the transportation of other T&Ps such as Porta Cabin, Acid cleaning pumps, Induction Heating machines, Air Blower etc., or any other plant materials.
- 1.3** Loading and unloading is the responsibility of consignor or consignee at BHEL / Vendors / Sub-Contractors / Sites and will be taken care by the respective Agency. Transporter scope will not cover Loading & Unloading. Assist crane, Tools & Tackles, Manpower for Loading & Unloading at Consignor & Consignee Site will be in BHEL scope.
- 1.4** However, Loading and unloading at other intermediate places due to transshipment will be the responsibility of the Transporter.
- 1.5** Please refer **Annexure-C** for details of the crane along with present site location and tentative packing list cum loading plan as per **Appendix-A**. However, final packing/shipping list cum loading plan may vary slightly and shall be provided along with the individual job specific work order. There may be addition/deletion of cranes in this list during the validity of the contract.

- 2.0 Liaising With BHEL sites:** Bidder has to contact BHEL consignor site before placing the trailers for loading and BHEL consignee site for unloading.

3.0 BIDDERS OBLIGATIONS & OTHER TECHNICAL REQUIREMENT

- 3.1** BHEL attaches utmost importance for proper lashing/tying of consignment for safe transportation. Necessary wire ropes, manila ropes, turn buckles, tyre gutter pieces, gunny bags, tarpaulins and wooden sleepers of suitable size & numbers etc., are to be provided by transporter at their cost and shall carry out necessary works for tying/covering of crane/components on trailer and care should be taken by the transporter to reach the material safe at final destination. If any damages to crane and its subassemblies occurred due to the transporter negligence then BHEL reserves, the right to make full recovery of the repair and replacement charges incurred to rectify the damages from the transporter. BHEL decision in this regard will be final.
- 3.2** It is responsibility of Bidder to provide vehicle of suitable size and capacity keeping in view of details of dimension/weight of loose accessories as given in **Appendix-A** and safety of transportation of the consignment to the destination.
- 3.3 VEHICLE CONDITION STIPULATION:** The vehicles i.e. Trailer (s) / Truck (s) provided should be in sound condition and of suitable capacity (as per its registration book) to carry equipment. They should have valid RTA permit with tax & insurance fees cleared and valid fitness certificates available. The drivers of the vehicles must possess valid driving licenses for the category of vehicles deployed. **If BHEL representative does not find the condition of the vehicle deployed satisfactory, replacement for the same shall be sought and any delay on this account shall be in part of the transporter.**
- 3.4 SAFE DELIVERY OF MATERIALS:** The transporter shall be responsible for safe transportation of Crane components. Any shortages / damages / theft noted during transportation shall be on to transporter's account.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

3.5 PACKING MATERIALS FOR LOADING:

Transporter shall arrange Wire ropes, manila ropes, turnbuckles, gunny bags, rubber sheets, wooden sleepers, tarpaulins etc., as required for placing, securing, tying and covering the Crane components to ensure safe transportation with fastening / lashing / anchoring provision within the quoted price. **USE ONLY NYLON BELTS/STRAPS FOR LASHING OF BOOM AND JIB COMPONENTS FOR TRANSPORTATION.**

3.6 TRANSSHIPMENT/SUB-LETTING THE JOB/CARRYING OTHER'S GOODS:

3.6.1 The Transporter shall ensure safe & timely delivery of goods in the same vehicle that was provided for loading of consignment, bearing same Registration No. as per challan/LR record, without any transshipment enroute (except as stated below). Registration No. of the vehicle / Prime Mover shall be clearly mentioned in the LR. In case the trailer bed has separate Registration No., it should also be mentioned in the LR.

3.6.2 Transshipment is not permitted except for emergency & exceptional circumstances like vehicle breakdown etc. In such cases, transshipment is allowed at the risk & cost of transporter only under advance information & express prior permission from M/s BHEL, **failing which it shall attract penalty @ 10% of particular Lorry/Trailer specific contract value (Transportation value of Lorry/Trailer which is transshipped) other than LD and penalties (if any applicable) as per tender T&C (Excluding Loading Unloading charges if any).** Under exceptional circumstances, if transshipment becomes necessary, then it is mandatory to take pre and post transshipment photographs and those must be submitted along with the bills.

3.6.3 WAIVER OF TRANSSHIPMENT PENALTY FOR DESERVING CASES:

For deserving cases such as Accidents / Major breakdowns / Mechanical failures etc., where the vehicles have to be transshipped immediately to clear the traffic or to avoid the public inconvenience or situation that there is no time to get transshipment permission, BHEL Executives not below the rank of AGM or HOS (not below rank of DGM) of User Agencies/FEX will have the power to waive such penalty on case to case basis with recorded reasons.

3.6.4 The Transporter shall not sublet the contract or part thereof to any other party, which may tantamount to termination and/or forfeiture of security deposit. However, hiring of vehicles from other agencies may be done but the onus for transportation shall rest with the transporter as per the contract in all respect.

3.6.5 If any damages to the consignment occur because of trans-shipment/any other act of negligence and variation from loading plan, then the cost shall be recoverable from the transporter.

3.7 It is the responsibility of transporter to carry out road survey between the source and destination points prior to the movement of cranes and submitting the report to the BHEL confirming road condition suitable for transportation. The transporter shall take adequate care to check the capacity of culverts, bridges and level crossing before embarking upon the actual transportation.

3.8 Minor civil works e.g. filling of potholes and temporary patchwork of roads etc., enroute for safe & smooth movement of vehicles is included in scope of bidder.

3.9 Transporter shall take all care while loading the crane accessories as per their proposed loading plan and transporter shall ensure & supervise proper loading at port/site.

3.10 BHEL prefers their main consignments to be transported in the contractor's own vehicles. If transported in hired vehicles, the contractor should ensure that the party is reputed one and having maintained vehicles and valid permits.

3.11 Transporters own escort team will have to be accompanied with the Main consignments such as Upper works, revolving frame etc., for the entire period of transportation.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

3.12 The scope of work under this contract is deemed to be completed only when so certified by the Engineer in charge BHEL sites.

3.13 ROUTE PERMIT / NATIONAL PERMIT / CLEARANCE: Transporter shall obtain all required clearances / permits from all Governmental / non – Governmental authorities e.g.: MoRTH/NHAI / PWD / CPWD, Sales Tax Department, RTA, Commercial Tax, State Electricity Boards, Railways, Communication Department, P&T, Traffic, Police Department etc., including Private Parties / persons for transportation of consignments through inland road transport route identified by the contractor/BHEL at his cost. BHEL doesn't take any responsibility in this regard.

3.14 The transporters will be solely responsible for any mishaps such as accident, fire etc., enroute/during transit and consequence thereof, including legal consequences if any. If any trailer/trucks met with an accident – whether major or minor – the transporter will indemnify the BHEL from all legal or financial responsibility. The transporter will immediately intimate the details of accident to BHEL. The transporter will lodge the FIR and will attend to all necessary legal formalities as per direction of the BHEL. The transporter will also ensure that the driver who has met with the accident is always available with the contractor to produce him before legal authorities. Any loss or cost suffered to us due to failure in complying with this provision will be on the transporter's account.

COMPLIANCE TO STATUTORY REQUIREMENTS: Vendor must ensure & comply to the availability of the following documents with the transportation vehicles along with all the govt. statutory laws w.r.t transportation as per clause no 2.8.3 of GCC: -

1. Valid Driving License of driver
2. Pollution Certificate
3. Vehicle fitness Certificate
4. Vehicle Insurance

3.15 The transporter shall be responsible for delivery of consignment at destination in good condition.

3.16 Instances were noticed in which **crane car-body** along with operator cabin was loaded in sound & intact condition. All electronic control consoles in operators' cabin were found in damaged condition while unloading at consignee place, even though there was not a single scratch from outside. On examination, it was found that the damages were caused due to excessive vibration generated by rash driving and driving at high speed on bad roads. Hence, it is the responsibility of transporter to ensure the safety of operator cabin by taking intense care and giving instruction to trailer driver to drive smoothly. **In this regard if any damages are found, then BHEL reserves the right to make full recovery of the damages from the transporter.**

3.17 Road Tax, if applicable for BHEL's owned crane for which transportation is covered under this tender specification has to be paid by the transporter and the same will be reimbursed to the transporter on submission of the road tax receipt along with the final invoice. RTO Authority is doing Road Tax assessment at state entry check post; hence, bidder is advised to ensure that all the trailers / consignment should reach on same time at state border check posts. Bidder should ensure that all the trailers carrying crane material should enter in State Border from the same RTO Check Post.

3.18 SECURITY, RULES & REGULATION

The transporter and or his agent shall comply with Security & safety regulations in the matter of entry, exit and movement inside the BHEL's customer plant premises or elsewhere and as indicated in GCC. Ignorance of such regulations will not be accepted as an excuse. Spark arresters shall be provided on vehicles deployed to Hydrocarbon / Petrochemical installations / Refineries.

3.19 Bidder shall intimate the Ordering Authority regarding the dispatch particular of each consignment by fax/e-mail with the following details:

- I. **LR Number & Date.**

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

II. **Content of package, package number as per Appendix-A, description of items loaded in each trailer.**

III. **Gate pass number & date.**

The above information should be sent immediately once the consignments loaded on trailer moved out from the BHEL premises. This information is required for further communication to insurance company.

4.0 RATE:

The rates shall remain firm except in the case of variation in diesel price as detailed in price variation clause 6.0 of TCC.

5.0 VALIDITY OF CONTRACT:

5.1 Validity of the Rate Contract shall be for a period of **24 (Twenty-Four)** months counting from the date of issue of original category wise LOA.

5.2 However, BHEL reserves the right to extend the contract period of the Rate Contract for a further period up to Three (03) months under the same rate and terms & conditions subject to satisfactory performance of the Contractor during the contract period.

5.3 The GC / LR date should be within the contract validity, irrespective of the date of surrendering of the consignee copies of the LR / GRs.

BHEL reserves the right to terminate the service contract or individual work order at any time in case of service provided is found unsatisfactory.

6.0 PRICE VARIATION CLAUSE:

6.1 The rates agreed between BHEL and the transporter will remain firm during the total period of the contract except the Diesel price Variation Clause as given below:-

6.2 The freight rate will be divided into two elements viz., (i) Fixed cost and (ii) Diesel cost - i.e. variable cost as detailed below:-

Details	Percentage
Fixed Cost	60%
Diesel Variable Cost	40%

6.3 Increase/decrease = 40% of rate quoted by bidder $\times \{(\text{present rate of diesel}/\text{base rate of diesel}) - 1\}$
[Figure shall be rounded off to two digits after decimal.]

Where, Present Rate of Diesel is Rate of Diesel at **Mumbai** on the date of award of job specific Work Order and base rate of diesel shall be the actual diesel rate on the last date of submission of Tender.

The rates of diesel will be calculated on the basis of the rates published by MyPetrolPrice /IOCL/HPCL/BPCL website prevailing at Mumbai.

Whatever increase/decrease in the diesel price, PVC will be applied on this variable portion of the freight rate only. For example, say the diesel rate is increased/decreased by 4% then the diesel variable cost alone will be increased/reduced by 4%.

6.4 Any variation in the diesel price after awarding of a particular job i.e. issuance of **job specific Work Order** shall not be incorporated in the awarded job until & unless variation in Diesel price occurred as per the cases illustrated as below:-

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

- 6.4.1 The rates will be revised only if increase/decrease in diesel price is more than or equal to 5% after placement of **Job Specific Work Order** and before actual start date of the job as per vehicle Mobilization Notice by BHEL for particular job.
- 6.4.2 The rates will be revised only if increase/decrease in diesel price is more than or equal to 5% after placement of Job Specific Work Order, if vehicle actual mobilization is delayed due to reasons not attributable to transporter.
- 6.4.3 Revised job value in such cases as mentioned above will be calculated considering the current diesel price as on revised date of Work Order issued by BHEL.
- 6.4.4 Any variation in the diesel price after start of a particular Job (After placement of first vehicle) shall not be incorporated in the awarded job.

Sample Calculation:-

Assume base rate of diesel in **Mumbai** is Rs.100/- per Litre on the last date of tender submission i.e. on 01.06.2025 (say).

If the diesel price increases w.e.f. 01.07.2025 (Date of issue of Job Specific Work Order) to Rs.104/- per litre i.e. increase of Rs.4 per litre from base rate, then PVC will be applicable only for increase of Rs.4/- per litre for awarding of job specific order on 01.07.2025. The increase/decrease in per trailer rate shall be as detailed below:

- Rate quoted by bidder for Mechanical Trailer (22MT) per Km per MT = Rs. 5/----- (i)
 - Increase in rate = $40\% \times 5 \times ((104/100) - 1)$ = Rs. 0.08/-..... (ii)
 - Therefore, revised rate per km per MT for Mechanical Trailer (22MT) as on 01.07.2025 = (i) + (ii) = Rs. 5.08/- (**For particular distance slab**).
- Further revision of rate for case mentioned above (Clause 6.4.1 & 6.4.2) shall be done if increase/decrease in diesel price is more than or equal to 5%.
- With reference to above Sample Calculation, Diesel price as on 01.07.2025 (Date of issue of Job Specific Work Order) is Rs. 104/- per litre.
 - Diesel price as on 16.07.2025 is Rs. 107/-per litre, i.e. increase of Rs. 3/- per litre. Price revision shall not be applicable as the increase/decrease in diesel price is less than 5%.
 - Diesel price as on 25.07.2025 is Rs. 109.2/-per litre, i.e. increase of Rs. 5.2/- per litre. Price revision shall be applicable as the increase/decrease is equal to 5% (5% of 104= 5.2).
 - With reference to above Sample Calculation, Rate quoted by bidder for Mechanical Trailer (22MT) per Km per MT = Rs. 5/- (iii).
 - Increase in rate = $40\% \times 5 \times ((109.2/100) - 1)$ = Rs. 0.18/-..... (iv).
 - Therefore, revised rate per km per MT for Mechanical Trailer (22MT) as on 25.07.2025 (Revise date of issue of Job Specific Work Order) = (iii) + (iv) = 5+0.18= Rs. 5.18/-.
 - Only two digits fraction will be considered for PVC calculation.

The same formula shall be applicable for decrease in Diesel Prices also.

Note: Base Rate of Mechanical Trailer (22MT) is taken as reference point for PVC for Consignment

Category-2 as mentioned in **Table 10.2**. Base Rate of Lorry (9MT), Base Rate of Mechanical Low Bed Trailer and Base Rate of Hydraulic Trailer shall be taken as reference point for PVC in their respective Consignment Category as mentioned in **Table 10.2**.

- 6.5 Rate increase/decrease on any other account, other than Diesel price variation, will not be permissible.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

6.6 Multi Point Collection / Delivery (Maximum Two Point Collection / Delivery):

6.6.1 For Collection/Delivery of consignment from two different locations (**Distance between two Collection/Delivery point not more than 25 Km.**), extra payment shall be done for distance travelled between two Collection/Delivery points.

6.6.2 For the first point of loading, collection charges are not applicable. For second point, charges for multi-point collection/delivery will be applicable, on per KM basis of the respective Consignment Category.

6.6.3 Example: After collection of consignment from the first collection point trailer goes to the second collection point, which is 10KM away from the first collection point, and picks up another consignment and then it goes to the destination. In this case the multi-point collection charges will be as follows: -

- First point: No collection Charges.
- Second point: Trailer Rate per Km (Job Specific) X 10KM

6.6.4 The distance for freight charges shall be reckoned from the last point of collection to the first point of delivery.

6.6.5 The above logic will be applicable for multi-point door delivery also.

6.6.6 For multi-point collection/delivery, it is further clarified that if more than one consignment is door collected from one point on the same day, the total door collection from that point on that day shall be considered as one consignment only and same logic shall be applied to door delivery also. Gate pass entry "IN & OUT" / Certification of BHEL Executive shall be reckoned as proof for multi-point collection/delivery.

6.6.7 In case multi-point collection/delivery is not done on the same day, detention charges shall be applicable. Detention charges shall be paid for number of days trailer is held up at second Collection/Delivery point excluding the day of Collection/Delivery on first point on the basis of the respective Consignment Category.

6.6.8 Detention charges at First Collection/Delivery point shall be done as per **clause 14 of TCC**.

A. HILLY/MOUNTAINEOUS REGION/NORTH EASTERN STATE CHARGES

For journey to/from/via/through hilly regions (destinations beyond Pathankot for Jammu & Kashmir, Rishikesh/Kashipur/Mohand in Uttarakhand and Parwanoo/Kiratpur in Himachal Pradesh) or any hilly regions in any part of the country as identified on case to case basis with the approval of BHEL, an additional 15% freight shall be paid over & above the applicable freight for the total journey.

B. For journey to/from/via/through North Eastern states (destinations beyond Siligury in North Eastern Sector) & for districts notified by Government as Naxal affected, an additional 15% freight shall be paid over & above the applicable freight for the total journey.

7.0 DISTANCE BETWEEN TWO PLACES:

7.1 The distance between two places for freight payment will be determined as per the order of priority as specified below:

- <https://einvoice1.gst.gov.in/Others/GetPinCodeDistance>
- <https://www.distance.to/PIN>
- maps.google.com (shortest feasible route)
- Road Map of India Published by Survey of India

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

7.2 However, transporter will be responsible for safe delivery of consignment at destination site following the most feasible and safe route. Quoted rate of bidder should be inclusive of all such incidental charges other than specifically mentioned in the relevant clauses of the tender.

7.3 Where adoption of longer route becomes necessary either due to Force Majeure condition (i.e. flooding of area enroute, earthquake and conditions like war, strikes, riots, road breaches etc.) or due to weight and dimension of the consignment with reference to the areas to be passed through (Railway crossing, Height Barrier, Bridge capacity/Condition etc.), the transporter shall inform BHEL with appropriate documents like photograph, newspaper article, circular issued by competent / Statutory Authority etc., & take prior permission for longer route clearly mentioning the reason for this and alternate route to be followed. BHEL may consider on the alternate route proposed by transporter on case to case basis, but the final decision of BHEL shall be binding on the transporter. If route diversion is permitted by BHEL, payment shall be done as per agreed diverted route for particular consignment/trailer.

8.0 EXTRA CHARGES ON ACCOUNT OF OVERDIMENSION OF THE CONSIGNMENT:

8.1 Extra payment (whichever gives higher percentage to transporter) will be made for any one dimension i.e. such as length or width or height of the consignment. Extra payment shall be made as per the dimension slabs mentioned below:

Sl. No.	Type of Vehicle	Infringement in Length	Infringement in Width	Infringement in Height
1	Lorry (9 MT)	Beyond 5.50 m (18 Feet), 4% of basic freight for every 0.5 meter or part thereof.	Not applicable	Beyond 2.2 m (7.22 Feet), 4% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.
2	Taurus / Multi Axle Vehicle	Beyond 6.50 m (21 Feet), 4% of basic freight for every 0.5 meter or part thereof.	Not applicable	Beyond 2.2 m (7.22 Feet), 4% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.
3	Mechanical Trailer	Beyond 12.50 m (41 Feet), 5% of the basic freight for every 1.00 m (3.28 Feet) or part thereof for 12.2m (40 Feet) trailer.	Beyond 2.6 m (8.53 Feet), 5% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.	Beyond 3.22 m (10.58 Feet), 5% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.
4	Mechanical Low Bed Trailer	(1) Beyond 12.50 m (41 Feet), 5% of the basic freight for every 1.00 m (3.28 Feet) or part thereof for 12.2m (40 Feet) trailer. (2) 5% of the basic freight for every 1.00 m (3.28 Feet) or Part thereof beyond 0.3 m (1 Feet) from actual length of Trailer (In case of special trailer having length more than 12.2m (40 Feet)	Beyond 3.2 m (10.5 Feet), 5% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.	Beyond 3.83 m (12.58 Feet), 5% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

5	Hydraulic Trailer	Not applicable	Beyond 3.2 m (10.5 Feet), 5% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.	Beyond 3.83 m (12.58 Feet), 5% of the basic freight for every 0.250 m (0.8 Feet) or Part thereof.
---	-------------------	----------------	---	---

***Note: Height of consignment shall be measured from top of Trailer Bed.**

Example:

Case -1

- Trailer Width = 2.45 m (8 Feet)
- Consignment Width = 2.7 m (8.86 feet)
- Consignment Width = above 2.6 m (8.53 feet) to 2.85 m (9.35 Feet)
- Rate quoted by bidder for Mechanical Trailer per Km per MT = Rs. 5/-.
- Revised rate for Mechanical Trailer per Km per MT (After considering diesel price variation) = Rs. 5.08/-
- Distance = 1000 Kms.
- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 26 MT
- Trailer Normal Rate = $5.08 \times 1000 \times 26$ = Rs. 1,32,080/-.
- ODC @5% = $1,32,080 \times 0.05$ = Rs. 6,604/-.

Case -2

- Consignment Width = above 2.85 m (9.35 Feet) to 3.1 m (10.17 Feet)
- Rate quoted by bidder for Mechanical Trailer per Km per MT = Rs. 5/-.
- Revised rate for Mechanical Trailer per Km per MT (After considering diesel price variation) = Rs. 5.08/-.
- Distance = 1000 Kms.
- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 33 MT
- Trailer Normal Rate = $5.08 \times 1000 \times 33$ = Rs. 1,67,640/-.
- ODC @ 10% (5 + 5) = $1,67,640 \times 0.10$ = Rs. 16,764/-.

8.2 Overhanging of components beyond the trailer is not permitted; and in no case, the unsupported length shall be more than 1.5m. Trailer of higher length can be placed in such cases where the unsupported length is more than 1.5m. Payment for higher length of trailer shall be done @25% of Trailer (12.2m/40 Feet) rate for every 3.04m (10 Feet) extended length over and above Trailer (12.2m/40 Feet) length.

Example:

Case-1

- Assume Consignment Length = 14.02m (46 Feet).
- Actual Length of deployed Trailer = 15.24 m (50 Feet).
- Standard Length of Mechanical Trailer = 12.2 m (40 Feet).
- Additional Length of Trailer = Actual Length of deployed Trailer - Standard Length of Mechanical Trailer = 50 Feet – 40 Feet = 10 Feet.
- Rate quoted by bidder for Mechanical Trailer per Km per MT = Rs. 5/-
- Revised rate for deployed Mechanical Trailer per Km per MT (After considering diesel price variation) = Rs. 5.08/-.
- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 26 MT
- Distance = 1000 Kms.
- Trailer (26 MT) Normal Rate = $5.08 \times 1000 \times 26$ = Rs. 1,32,080/-.
- Additional Charge for extra length of trailer (Above 40 Feet) @25% for every 3.04m (10 Feet) extended length over and above Trailer (12.2m/40 Feet) length = Additional Length of

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

deployed Trailer x 0.25 x Trailer Rate (As per Job Specific work order)/ (3.04m/10') = 10 x 0.25 x 1,32,080 / 10 = Rs. 33,020/-.

Case-2

- Assume Consignment Length = 16.8m (55 Feet).
- Actual Length of deployed Trailer = 18.3 m (60 Feet).
- Standard Length of Mechanical Trailer = 12.2 m (40 Feet).
- Additional Length of Trailer = Actual Length of deployed Trailer - Standard Length of Mechanical Trailer = 60 Feet – 40 Feet = 20 Feet.
- Rate quoted by bidder for Mechanical Trailer per Km per MT = Rs. 5/-
- Revised rate for Mechanical Trailer per Km per MT (After considering diesel price variation) = Rs. 5.08/-
- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 26 MT
- Distance = 1000 Kms.
- Trailer (26 MT) Normal Rate = 5.08x1000x26 = Rs. 1,32,080/-.
- Additional Charge for extra length of trailer (Above 40 Feet) @25% for every 3.04m (10 Feet) extended length over and above Trailer (12.2m/40 Feet) length = Additional Length of deployed Trailer x 0.25 x Trailer Rate (As per Job Specific work order)/ (3.04m/10') = 20 x 0.25 x 1,32,080 / 10 = Rs. 66,040/-.

Note:

- a. ODC and RTO penalty for length shall not be applicable in all such cases, where Additional Charge for extra length of trailer encompasses total consignment length except case mentioned in “clause-b” below.
- b. In some cases (Non-symmetrical Objects), consignment length may go outside trailer even though consignment actual length may not be more than trailer actual length. In such cases, RTO penalty for length shall be applicable.
- c. Maximum Trailer Length of 15.24 m (50 Feet) shall be considered for Consignment length more than 13.72 m (45 Feet) and up to 16.76 m (55 Feet).
- d. Maximum Trailer Length of 18.29 m (60 Feet) shall be considered for Consignment length above 16.76 m (55 Feet) to 19.8 m (65 Feet).
- e. Maximum Trailer Length of 21.34 m (70 Feet) shall be considered for Consignment length above 19.8 m (65 Feet) to 22.86 m (75 Feet).

8.3 Weight Carrying Capacity of Hydraulic Trailer:

8.3.1	Weight Carrying Capacity of 4 Axle Hyd. Trailer (L-20' x 9.84')	54 MT
8.3.2	Weight Carrying Capacity of 6 Axle Hyd. Trailer (L-30' x 9.84')	81 MT
8.3.3	Weight Carrying Capacity of 8 Axle Hyd. Trailer (L-40' x 9.84')	108 MT
8.3.4	Weight Carrying Capacity of 10 Axle Hyd. Trailer (L-50' x 9.84')	135 MT
8.3.5	Weight Carrying Capacity of 12 Axle Hyd. Trailer (L-50' x 9.84')	162 MT

- 8.4** For claiming ODC Charges, dimension of the Consignments is to be certified by BHEL representative with respect to the dimension of consignment as per packing List/Loading plan.
- 8.5** ODC charges as mentioned above are fixed and payable for transportation of consignments falling in ODC category. **ODC dimension mentioned above is applicable to transporter only.**
- 8.6** The Transport Carrier shall obtain prior permission from the statutory authorities concerned for transporting the consignment enroute. The Carrier shall take care of all the necessary formalities / clearances from various authorities like RAILWAYS, POST & TELEGRAPH, ELECTRICITY BOARDS, MUNICIPALITIES, PANCHAYATS, PUBLIC WORKS DEPT., HIGHWAYS, FOREST IRRIGATION, POLICE and REGIONAL TRANSPORT OFFICES etc., for speedy transportation including expenditure for road surveys.
- 8.7** RTO/RTA penalty charges levied by State/Central Government authorities for Over Dimensional Consignments under (i) Overall dimension of Vehicle due to ODC violating MV Act (ii) Excess load projection, (iii) Alteration or attachments in vehicle body to support ODC, (iv) Using Vehicle in unsafe

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

condition due to ODC, (v) Driving dangerously due to ODC will be reimbursed on production of original receipt mentioning reasons and vehicle registration number.

8.8 Loading/unloading charges:

Loading/unloading charges for Tools and Plant (T&P), site materials other than crane shall be applicable wherever loading/unloading is done by the transporter (**mutual agreement basis**) with due approval of BHEL. The transporter shall get consignor/consignee's endorsement for the loading/unloading activities. Loading/unloading charges will be as mentioned below:

Sl. No.	Vehicle Type	Charges (Rs.)
1	Lorry, Truck (For Hilly Terrain i.e. Sites located beyond Siliguri & North East States e.g. Sikkim & state of Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura)	Rs.1000/- per MT subject to minimum amount of Rs.9,000/- per loading/unloading per vehicle
2	Mechanical Trailer (For Hilly Terrain i.e. Sites located beyond Siliguri & North East States e.g. Sikkim & state of Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura)	Rs.1000/- per MT subject to minimum amount of Rs.18,000/- per loading/unloading per vehicle
3	Lorry, Truck (For rest of India)	Rs.825/- per MT subject to minimum amount of Rs.7,425/- per loading/unloading per vehicle
4	Mechanical Trailer (For rest of India)	Rs.825/- per MT subject to minimum amount of Rs.14,850/- per loading/unloading per vehicle

***Note: Minimum charge is calculated by considering minimum 9 MT load for Lorry/Truck and 18MT for Trailers.**

Calculation Example for Rest of India - Assume Consignment weight is 24MT. Loading charges shall be Rs. 825*24 = Rs. 19800/-.

8.9 Maximum Dimension of Consignment covered under this contract is: -

Length – 21.4 m (70 Feet), Width – 5.2 m (17 Feet), Height – 4.5 m (14.76 Feet).

8.10 Transportation of Consignment of dimension more than as mentioned in above clause 8.9 may be done with mutual agreement between BHEL and transporter.

9.0 POWER BLOCK / HEIGHT GAUGE CHARGES:

9.1 The transporter shall pay the power block/height gauge charges at railway crossings initially. BHEL shall reimburse the Power Block, Service Charges and applicable GST along with freight charges on submission of the documentary evidence (original receipt / acknowledgement from concerned Railway authority) along with original invoice. The evidence submitted shall contain the date of payment and respective vehicle number against which the charges are paid. Bill shall contain BHEL GSTIN number.

9.2 Wherever (at Railway Crossings) the power shut down is involved or height barriers are to be removed, additional **transit time (actual on evidence)** shall be allowed at each gate subject to submission of the proof. In deserving cases, increasing of this period shall be at the discretion of the BHEL on case-to-case basis.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

9.3 If the height of the consignment is unable to pass through tunnel, over bridge etc., due to excess height and as an alternative low bed trailer or dragging is used as means for crossing that short distance, loading, unloading and/or dragging charges as required shall be given on submission of photographs/video along with vehicle details or any other proof or witnessed by BHEL representative with the prior approval of BHEL. Transporter shall be responsible for safety of job during this operation and it should be done on prior permission of BHEL.

9.4 In respect of ODC consignment, the Transport Carrier shall obtain prior permission from the statutory authorities concerned for transporting the consignment en-route. All the expenses for obtaining permission till delivery of the consignment to the Consignee location will be to the account of Transport Carrier. The Carrier shall take care of all the necessary formalities / clearances from various authorities like RAILWAYS, POST & TELEGRAPH, ELECTRICITY BOARDS, MUNICIPALITIES, PANCHAYATS, PUBLIC WORKS DEPT., HIGHWAYS, FOREST IRRIGATION, POLICE, REGIONAL TRANSPORT OFFICES etc. for speedy transportation.

9.5 **Statutory Charges:**

Individual Statutory charges for more than Rs. 1,000/- levied by Governmental Authorities e.g. MoRTH/NHAI, RTA, State Authority, Electrical Shutdown from State Electricity Boards, Railways, Communication Department etc., for transportation of consignments through inland road transport route shall be reimbursed on production of original receipt or original copy of permission which should clearly indicate the details for charges.

9.6 **Sea Port Charges:**

Charges paid by transporter for loading, unloading, returning and handling of BHEL consignment (Container etc.) at Sea Port shall be reimbursed on production of receipt. Transporter shall take prior confirmation before making such payment.

10.0 **CONSIGNMENT CLASSIFICATION & CORRESPONDING VEHICLE TYPE:**

10.1 **Minimum chargeable distance is 300 Km., for all types of vehicles (i.e. even when the distance is less than 300 Km, freight will be paid for a minimum distance of 300 Km.).**

10.2 **Category and Type of vehicles:**

Sl. No.	Category of Consignments	Type of Vehicle	Basic Dimensions of the consignments			Weight
			Length	Width	Height	
1	Consignment Category-1 Lorry (LR)	Heavy Commercial Vehicle (HCV) (Truck, Lorry, Rigid Vehicle, Closed Body etc.)	5.50 m (18 Feet)	2.0 m (6.56 Feet)	2.20 m (7.21 Feet)	9 MT
		Taurus / Multi Axle Vehicle	6.50 m (21 Feet)	2.20 m (7.2 Feet)	2.20 m (7.21 Feet)	Above 9MT to 25 MT
2	Consignment Category-2	Mechanical Trailer	12.20 m (40 Feet)	2.45 m (8 Feet)	2.20 m (7.21 Feet)	Up to 41 MT
3	Consignment Category-3	Mechanical Low Bed Trailer	12.20 m (40 Feet)	2.74 m (9 Feet)	>3.0 to 5.5m	35 MT to 41 MT

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

4	Consignment Category-4	Hydraulic Trailer	As per no. of axles			
---	---------------------------	-------------------	------------------------	--	--	--

10.3 Higher Capacity / Over Weight Payment:

The Transporter shall ensure placing vehicles of suitable category, capacity (i.e. size and load) and quality. Overloading of the vehicles will not be permitted under whatsoever may be the reasons / conditions.

Freight charges will be within loading capacity (GVW - Unladen Weight) of the vehicle as per Vehicle RC other than case mentioned below.**

****In case transporter has placed vehicle of suitable capacity as per given requirement but actual weight of consignment is more than what is stated in work order and goes beyond the passing capacity of the vehicle (Reason not attributable to transporter) and it is not possible to unload the extra material, the payment shall be made for actual consignment weight limited to five percent (5%) allowance in the gross vehicle weight (MoRTH Letter No. RT11028/11/2017-MVL Date: 07 Aug 2018).**

Minimum Weight considered for Payment			
Sl. No.	Type of Vehicle	Consignment Weight	Minimum Weight considered for Payment
1	Lorry / Truck	Up to 9 MT	9 MT
2	Lorry / Truck	Above 9 MT to 10 MT	10 MT
3	Lorry / Truck	Above 10 MT to 12 MT	12 MT
4	Taurus / Multi Axle Vehicle	Above 12 MT to 14 MT	14 MT
5	Taurus / Multi Axle Vehicle	Above 14 MT to 16 MT	16 MT
6	Taurus / Multi Axle Vehicle	Above 16 MT to 18 MT	18 MT
7	Taurus / Multi Axle Vehicle	Above 18 MT to 20 MT	20 MT
8	Taurus / Multi Axle Vehicle	Above 20 MT to 25 MT	Pro rata basis for actual consignment Weight
9	Mechanical Trailer	Up to 22 MT	22 MT
10	Mechanical Trailer	Above 22 MT to 24 MT	24 MT
11	Mechanical Trailer	Above 24 MT to 26 MT	26 MT
12	Mechanical Trailer	Above 26 MT to 28 MT	28 MT
13	Mechanical Trailer	Above 28 MT to 30 MT	30 MT
14	Mechanical Trailer	Above 30 MT to 32 MT	32 MT

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

15	Mechanical Trailer	Above 32 MT	Pro rata basis for actual consignment Weight
16	Mechanical Low Bed Trailer	Up to 35 MT	35 MT
17	Mechanical Low Bed Trailer	Above 35 MT	Pro rata basis for actual consignment Weight
18	4 Axle Hydraulic Trailer	Up to 54 MT	54MT
19	6 Axle Hydraulic Trailer	Up to 81 MT	81MT
20	8 Axle Hydraulic Trailer	Up to 108 MT	108MT
21	10 Axle Hydraulic Trailer	Up to 135 MT	135MT
22	12 Axle Hydraulic Trailer	Up to 162 MT	162MT

Example 1 (Lorry/Truck):

- Capacity of Lorry/Truck deployed or Consignment Weight (**As per clause 10.3**) = 14 MT
- Rate quoted by bidder for Lorry (9 MT) per Km per MT = Rs. 7/-.
- Revised Lorry (9 MT) Rate per Km per MT (After considering diesel price variation) = Rs.7.5/-.
- Distance = 1000 Kms.
- Payment for 14 MT Truck = Lorry (9 MT) Rate per Km per MT x Distance x 14 = 7.5 x 1000 x 14 = Rs. 1,05,000/-.

Example 2 (Mechanical Trailer):

- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 26 MT
- Rate quoted by bidder for Mechanical Trailer (22MT) per Km per MT = Rs. 5/-
- Revised rate for Mechanical Trailer (22MT) per Km per MT (After considering diesel price variation) = Rs. 5.08/-
- Distance = 1000 Kms.
- Payment for 26 MT Trailer (Minimum Weight considered for Payment as per table 10.3) = Mechanical Trailer (22MT) Rate per Km per MT x Distance x Minimum Weight considered for Payment = 5.08x1000x26 = Rs. 1,32,080/-.

Example 3: Mechanical Trailer:

- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 33 MT.
- Rate quoted by bidder for Mechanical Trailer (22MT) per Km per MT = Rs. 5/-
- Revised rate for Mechanical Trailer (22MT) per Km per MT (After considering diesel price variation) = Rs. 5.08/-.
- Distance = 1000 Kms.
- Payment for 33 MT Trailer = Mechanical Trailer (22MT) Rate per Km per MT x Distance x Total Consignment Weight = 5.08x1000x33 = Rs. 1,67,640/-.

Example 4: Mechanical Low Bed Trailer

- Capacity of Trailer deployed or Consignment Weight (**As per clause 10.3**) = 41 MT.
- Low Bed Trailer Rate per Km per MT (As per distance slab) = Rs.8/-.
- Low Bed Trailer Rate per Km per MT (Considering diesel price variation) = Rs.9/-.
- Distance = 1000 Kms.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

- Payment for consignment weight of 41 MT = Low Bed Trailer Rate per Km per MT x Distance x Consignment weight = $9 \times 1000 \times 41 =$ Rs. 3,69,000/-.

Note: If BHEL places demand for specific Trailer e.g. 35 MT Mechanical Trailer is demanded by BHEL, and then 35 MT shall be considered for payment even if consignment actual weight is less than 35 MT. This applies to all category/type of vehicle i.e. Lorry / Truck, Trailer etc.

10.4 VOLUME LOADS: Volume load means the consignment occupies vehicle by volume i.e. it is not practically possible to load the vehicle further, considering the size, nature & other technical parameters of the consignment. This is technically acceptable and payable for full load.

10.5 FULL LOADS:

Full load means the vehicle is loaded to its full weight carrying capacity (i.e. passing capacity of the vehicle as per RC Book). **The carrier will not be allowed to carry extra load beyond its full load carrying capacity.**

10.6 If all the dimension of the consignment (Length or Width or Height) or weight falling within a consignment category, then vehicle pertaining to another consignment categories should not be utilized if the freight cost is high.

10.7 Transportation of under load consignment:

If the weight of all consignments (higher of actual or volumetric) is less than the minimum guaranteed weight (**Less than 20 MT for Trailer category and Less than 7 MT for Lorry category**) for freight payment (refer **Clause 10.3**), it will be treated as under load. Under load dispatch may be resorted to in case of urgency/ need with the permission of competent authority of BHEL.

10.8 If the weight of the consignment is found to be excess than that mentioned in packing list, the same has to be brought into the notice of the respective BHEL engineer by the Carriers at origin site for necessary verification and certification (must be accompanied with weigh-bridge slip) and also to the notice of **BHEL-PSWR HQ-FEX dept./Ordering Authority**.

10.9 If the excess weight is found enroute by the Statutory Authorities like **RTO/ COMMERCIAL TAX OFFICIALS**, the weighbridge slip must be produced.

10.10 If the excess weight is noted at the destination point, the weighbridge slip certified by the consignee must be obtained.

NOTE:

- IF THERE IS ANY ABRUPT INCREASE IN MATERIAL WEIGHT WITH RESPECT TO WEIGHT MENTIONED IN PACKING LIST AND RESULTS IN OVERLOADING OF TRAILER, THEN FOR THE EXCESS WEIGHT STATUTORY FINE (IF ANY) AT ACTUAL AGAINST DOCUMENTARY PROOF WILL BE PAID.
- AMOUNT FOR EXTRA WEIGHT WILL BE PAID AS PER PRO-RATA BASIS (as per above example).

10.11 In case of Multi weighbridge slip, extra charge for overweight shall be paid as per lowest weight shown in Multi weighbridge slip for particular consignment.

11.0 TRANSIT TIME:

- a. The time allowed for transportation will be calculated as described below:

Truck/Taurus -----	200 KM per day
Normal Trailer (HBT/SLBT) -----	150 KM per day
Low bed trailers/*Normal trailer with ODC loads-----	100 KM per day
Hydraulic trailers -----	70 KM per day

(*Normal trailer with ODC loads means trailers carrying consignment measuring Length More than 12.50 meters and/or Width more than 2.45 meters and/or height more than 2.2 meters).

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

- b. In case of hydraulic trailers, **two** additional days shall be given for crossing each state border.
- c. In addition to normal time allowed as in “clause a & b”, a **grace time of 2 (two)** days is allowed to provide for any unforeseen contingency in transportation.
- d. **For the jobs in hilly terrain like North-East etc., the per day movement distance shall be decreased by 30% for each type of vehicle.**
- e. Allowable transit period shall be rounded off to next higher whole number.
- f. Permission at state borders/MoRTH /state authorities - additional **transit time (actual on evidence)**.
- g. Date of dispatch of consignments from the loading point and the date of reporting of vehicle at the unloading point will be excluded from the transit time.
- h. Cases where Road Permit / Online Road permit is required, delivery time shall be reckoned the date of issuance of Road Permit / Online permit to the Carriers.
- i. In case date of issuance of Road Permit / Online permit to the Carriers and Date of dispatch of consignments from the loading point is same, **transit time shall be calculated from next day onwards.**
- j. In case the due date of delivery falls on Sunday/Public holiday, next working day will be treated as due date of delivery. Documentary evidence for the same has to be provided along with bills.

12.0 PENALTY DUE TO TRANSIT DELAY:

Transportation delay beyond stipulated period attributable to the transporter will attract a penalty @ 1 % per day of the **particular Lorry/Trailer specific contract value** subject to a maximum of 10% of the total job specific contract value (**Excluding Loading Unloading charges if any**).

13.0 VEHICLES MOBILISATION PERIOD AND APPLICABLE PENALTY:

Complete Mobilization of trailers with required associated resources (i.e. sleepers, nylon strap, tarpaulin, loading manpower etc.) is to be done within the allotted time as detailed below:

- 13.1 Notice Period – 3 days** (Excluding the day of notification).
- 13.2 Mobilization Time for Lorry/Truck/Trailers– 3 Days.**
- 13.3 Mobilization Time for Hydraulic Trailers– 6 Days.**
- 13.4** Minimum 3-days’ notice period (Excluding the day of notification) shall be given to transporter for placement of vehicle/trailer. **Mobilisation time shall start after end of notification period or from due date of mobilisation whichever is later.**

For Example:

Schedule (1)

- (i) Notice given on 1st Aug 2025 - Notice Period – 3 days, Mobilisation Time – 03 Days as per above table.
- (ii) Due date of trailer placement – 7th Aug 2025.
- (iii) Actual date of trailer placement – Before 12.00 hrs on 8th Aug 2025. No delay
- (iv) Actual date of trailer placement – After 12.00 hrs of 8th Aug 2025 to 12.00 hrs of 9th Aug 2025. Delay in placement of trailer - One day.
- (v) Actual date of trailer placement – After 12.00 hrs of 9th Aug 2025 to 12.00 hrs of 11th Aug 2025. Delay in placement of trailer - Delay in placement of trailer - Two days. *As 10th Aug 2025 is Sunday, therefore, it can be excluded from delay period. Sunday/Site Holiday preceding to actual trailer placement shall be excluded from delay period.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

- (vi) Actual date of trailer placement – After 12.00 hrs of 11th Aug 2025 to 12.00 hrs of 12th Aug 2025. Delay in placement of trailer - Four day. In this case Sunday on 10th Aug 2025 shall also be counted for delay period.
- (vii) Actual date of trailer placement – After 12.00 hrs of 12th Aug 2025 to 12.00 hrs of 13th Aug 2025. Delay in placement of trailer - Five day and so on.

Schedule (2)

- a) Notice given on 8th Aug 2025 - Notice Period – 3 days, Mobilisation Time – 03 Days as per above table.
- b) Due date of trailer placement – 14th Aug 2025.
- c) 15th Aug 2025 - Holiday
- d) Actual date of trailer placement – before 12.00 hrs on 16th Aug 2025. No delay
- e) Actual date of trailer placement – After 12.00 hrs of 16th Aug 2025 to 12.00 hrs of 18th Aug 2025. Delay in placement of trailer - One day. *As 17th Aug 2025 is Sunday, therefore, it can be excluded from delay period. Sunday/Site Holiday preceding to actual trailer placement shall be excluded from delay period.
- f) Actual date of trailer placement – After 12.00 hrs of 18th Aug 2025 to 12.00 hrs of 19th Aug 2025. Delay in placement of trailer - Three day. In this case Sunday on 17th Aug 2025 shall also be counted for delay period.
- g) Actual date of trailer placement – After 12.00 hrs of 19th Aug 2025 to 12.00 hrs of 20th Aug 2025. Delay in placement of trailer - Four day and so on.
- 13.5 If the site of origin is in any of the North-Eastern states or any hilly region then the vehicle placement time shall be 1.5 times (rounded off to next higher digit) the time allowed as above in each case.**
- 13.6 Mobilization delay** in vehicles placement, for the reasons attributable to the transporter, shall attract penalty @ 1 % per day of the **particular Lorry/Trailer specific contract value** subject to a maximum of 10% of the total job specific contract value (**Excluding Loading Unloading charges if any**).
- 13.7 However total LD / penalty under clause 3.6, 12 and 13 shall not exceed 10% of contract value of specific job (Excluding Loading Unloading charges if any).**
- 14.0 DETENTION CHARGES:**
- 14.1** Claims against detention charges for the reasons attributable to BHEL (e.g. non- availability of entry passes, Cranes for loading/unloading etc.) both at the origin and destination sites will be paid @ Rs.1500/- per day per Hydraulic Axle (in case of hydraulic trailer), Rs.3000/- per day for Mechanical Low Bed Trailer and Special Trailer (Trailer Length more than 40 Feet), Rs.1700/- per day for Mechanical/Normal trailer and Rs.1200/- per day for Taurus/Lorry/Multi Axle Truck, on submission of separate invoice along with documents regarding delay certified by BHEL executive at respective sites.
- 14.2** Free Time limit for Loading & Unloading at Origin & Destination site will be **3 days** each.
- 14.3** Date of reporting of vehicle at loading point (If vehicle reports before 12.00 hrs. at loading point security gate, it shall be included in detention days and if vehicle reports after 12.00 hrs. at loading point security gate, it shall be excluded from detention days) and the date of release of vehicle with load at loading point security gate will be excluded for payment of detention charges at loading point.
- 14.4** Date of reporting of vehicle at unloading point (If vehicle reports before 12.00 hrs. at unloading point security gate, it shall be included in detention days and if vehicle reports after 12.00 hrs. at unloading point security gate, it shall be excluded from detention days) with load and the date of release of

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

vehicle at unloading point security gate after unloading will be excluded for payment of detention charges at unloading point.

- 14.5 Detention at enroute:** - If vehicle is detained enroute / check posts for want of Road Permit Form, Noncompliance of dispatch documents by BHEL i.e. if detention is attributable to BHEL, detention charges are payable on certification by BHEL executive (based on the documentary evidence such as GPS report, toll receipts, email from the Transport Carrier etc.).
- 14.6** Detention charges shall be paid on certification by the BHEL Executive of respective Site.
- 14.7** Detention at Site shall be paid based on the Gate Entry at Site / endorsement by BHEL Site Officials.
- 14.8** In case the vehicle reaches at Site and the site security/officials are not allowing the vehicle to enter inside the Plant/Site, then the date of arrival/reporting of vehicle at Site Entry Gate, as certified by BHEL executive (based on the documentary evidence such as GPS report, Nearest Toll Tax receipt, e-mail from the Transport Carrier etc.,) will be considered as the "Site IN entry" date for payment of detention Charges.
- 14.9 It is the responsibility of the Transport Carrier to obtain the required gate entries/endorsements in the L.R. with time & date from Sites, to enable BHEL to effect the detention payment. Without this detention payment can not be paid.**
- 14.10** In case the vehicle reported at Site on Sundays & General Holidays, next working day shall be considered as reporting date for that particular trailer.

However, non-compliance on the part of transporter regarding vehicle placement without valid RTA permit, tax & insurance fees cleared, valid fitness certificates & Valid Pollution Certificate, non-availability of adequate Sleepers, Nylon Belts (as required as per T&C of the contract) and any other reason which is attributable to transporter shall negate the claim of detention charges, if any.

15.0 PAYMENT FOR UNUTILISED VEHICLE

If any vehicle is placed after giving requisition and vehicle is not utilized due to any reason not attributable to transporter, then payment of freight charges shall be made to transporter for minimum 300 km for truck/trailer at the rate applicable for such category and distance slab with approval from **BHEL Executives not below the rank of AGM or HOS (not below rank of DGM) of concerned site/PMX**. In such case no detention charge up to 3 days will be paid.

16.0 VARIATION IN WEIGHMENT:

Variation in weight up to 70 Kg or 0.32% whichever is higher in one full load truck/trailer from booking station to weight recorded at consignee weighbridge, shall not be considered for deduction of payment.

17.0 MOVEMENT OF MATERIALS BY ALTERNATE VEHICLE:

If any consignment which is to be transported by a particular type of vehicle and is transported actually by a vehicle having lower capacity then the charges of that lower capacity vehicle shall be paid (It should not be more than charges of original vehicle for which order was placed.). Moreover, no additional charges on account of any fine or infringement shall be paid.

For example: Material which is to be transported by XXL Trailer, If carried by Lorry only Lorry freight will be paid.

18.0 LOADING PLAN:

Tentative loading plan is attached with packing list as per Appendix-A. Final Loading Plan of various components of cranes shall be provided by BHEL along with job specific individual Work Order.

However, at the time of execution of the job, the actual loading may vary but extra payment shall not be paid to the vendor if the number of vehicles increase due to not following BHEL's loading plan.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

Following points has to be followed strictly while executing the job:

- a. **Sufficient numbers of sleepers** of adequate length and sufficient strength has to be arranged by the transporter for placing under the boom, jib, derrick components and any other component (as required) of the crane as per tender scope. During transportation, crane and its sub-assemblies are to be supported on trailer with adequate number of sleepers of length equaling the entire width of the trailer. Transporters shall bring along with trailer 2.6 to 3 Mtr. length – 3 to 4 inch. Cross section square wooden supports– minimum 3 numbers for Double axle and 4 numbers for triple axle and one such support for every 10 feet for length ODC trailer.
- b. Sufficient numbers of Nylon Belts/Straps of sufficient strength has to be arranged by bidder for proper lashing of boom and jib components. Lacing of each boom/boom inserts/jibs & jib inserts should be done with non-abrasive polyester material i.e. with nylon belt of suitable capacity at minimum three locations
- c. While Loading Critical Components on Trailers, necessary Structural jobs/repair (Welding of Angle, Plate etc.) on/with Trailers to provide adequate support to the components shall be carried out by transporter to ensure Safe Loading & Transportation to destination site. Moreover, the above job (as & where necessity comes) shall be carried out satisfactorily under supervision of BHEL Engineer.
- d. **Transporter shall take photographs of each loaded trailer clearly showing the consignment and the trailer with trailer number.**
- e. Transporter shall provide daily consignment movement report as per attached format Annexure-II.

19.0 Consignor & Consignee Information for the Transportation Job:

The details of the consignee and consignor shall be mentioned in individual job specific Work Order. The list of Addresses of various Project Sites of BHEL-PSWR is given in 'Annexure-B' for reference of Bidders.

20.0 WAY BILLS FOR TRANSPORTATION:

E Way Bills as may be required for the Crane components to be transported shall be arranged by BHEL but the transporter has to inform BHEL in advance. BHEL will not entertain any detention occur at the check post due to the want of state permit or other documents. **Counterfoil of such Way Bills or endorsed copy of e-Way Bill (as applicable) must be returned by the transporter to destination site & got recorded in LR Copy on completion of work.**

21.0 EXIT & ENTRY GATE PASSES:

Based on the vehicle documents and documents to be provided by BHEL site, transporter has to organize the Exit / Entry Gate passes for the vehicle along with the consignment both at origin and destination sites. BHEL shall render necessary assistances in preparation of forwarding challan etc., for the consignment.

22.0 ORDERING AUTHORITY:

The work order for transportation shall be issued from BHEL, PSWR, HQ, Nagpur (Concerned Department)/Construction Manager/Executive of the respective PSWR site/BHEL-PSWR, FEX.

23.0 RESPONSIBILITIES OF TRANSPORTER DURING MOVEMENT OF CONSIGNMENT:

All R.T.A. stipulations for movement of Heavy Goods shall be followed by Transporter enroute.

All care for protecting the equipment from rains, storm and any other seasonal effects during custody including all road safety precautions required e.g. red flags, light etc. shall be arranged by the transporter in this job within the contract price. Any detention enroute shall be responsibility of the transporter and if any cost incurred by BHEL in clearing detention, shall be recovered from transporter's bill. The rates shall also include contingency expenses arising at the loading, transit and unloading points.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

24.0 DAMAGES & RECOVERIES / COMPENSATIONS:

On receipt of the consignments by transporter, it shall be considered that the consignment is handed over by the consignor in good condition, unless otherwise indicated on the challan at the time of taking delivery from the consignors at the loading point, and the transporter shall remain responsible for safe & timely transportation of the goods thereafter. In case of any shortages/ damages whatsoever, on such consignments, the value of the materials short received/delivered or damaged will be recovered from the transporter's bill.

25.0 CARRIERS ACT & MV ACT:

The Contract to be operated complying with the all the relevant Acts / Rules / Regulations implemented / to be implemented by the Govt. of India / Various State Governments / Union territories regarding road transportation as amended from time to time including but not limited to the following:

- 25.1 Motor Vehicles Act, 1988.
- 25.2 Central Motor Vehicles Rules, 1989.
- 25.3 Other Central Rules, Notifications.
- 25.4 Road Transport Corporations Act, 1950.
- 25.5 Carriage by Road Act, 2007.
- 25.6 GST & E-Way Bill regulations.
- 25.7 Any other Act/Rules/Regulations which may be introduced by central/Sate /Union Territory regarding road transportation.
- 25.8 The Contract as entered into between BHEL and the successful Bidder(s) shall in no way, nullify, reduce, mitigate or absolve the parties of any responsibility, obligation or liability that may devolve upon them under the Carriage by Road Act, 2007. Any change in the aforesaid Acts during the contract tenure as notified by the Ministry of Surface Transport, Govt. Of India shall be binding both on BHEL & the transporter.
- 25.9 The Transport Carriers / Fleet owners should ensure to comply with Rules and Regulations and notifications issued by various State Governments in this regard, from time to time.
- 25.10 Transport Carriers/Fleet Owners should ensure that overloading of vehicles is absolutely avoided.
- 25.11 The Transport Carriers/Fleet Owners, should ensure that they comply with the orders and guidelines issued by Hon'ble Supreme Court, with regard to the road transportation so as to ensure safety of not only themselves/ vehicles but also other road users.
- 25.12 The Contractor is responsible for any cost, either explicit or implied payable enroute and penalty levied by State/central Governments. All costs relating to the ownership of the vehicles should be borne by the Contractor.
- 25.13 The Contractor shall be held responsible for any damage or loss to the company's property that may be caused by their vehicles or staff in the company's premises and the loss shall be recovered from the Contractor. BHEL is not responsible for any injuries to the Contractor's personnel inside the company premises.
- 25.14 As per the Motor Vehicle Act with the latest amendments/notifications there to, overloading of the vehicles will not be allowed over and above the designated carrying capacity as per the registered document. The Transporter should carry the consignment complying with the applicable provisions of the relevant Motor Vehicle Act/State Act. No payment on account of violation of Motor Vehicle Act/State Act except ODC shall be payable. If any of the issues has not been dealt specifically in any schedule, then the same will be decided in line with the provisions of other schedules / terms and conditions dealing with the same issue.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

26.0 TRANSIT INSURANCE

- 26.1 Transit insurance of the consignment under transportation by the Transporter will be responsibility of BHEL/Consignee as the case may be. Transporter has to mention insurance policy number provided by BHEL in each of the LR copies. However, Transporter will be responsible for any external damages as per Carriage by Road Act 2007 as amended up to date.
- 26.2 Insurance of the consignments by BHEL shall not absolve the transporter of any responsibility of safe and proper transportation of the goods to the final destination or his liability to compensate for the damages / shortages/ losses in respect of consignments transported by them. It may also be noted that the transit insurance coverage taken by BHEL is limited to BHEL equipment only & not for the vehicle deployed by the transported under any circumstances.
- 26.3 In the event of any loss/damage to the consignment during transit, the transporter shall immediately file an FIR/ Diary (if required) and submit/furnish document viz. damage certificate, original/copy of FIR, damage occurrence report etc., to the consignee & consignor with complete details & extent of loss/ damages. Transporter should co-operate with BHEL in all respect towards lodging of proper claim by BHEL on the insurer/underwriters and shall also coordinate all activities pertaining to the survey of the damaged consignment thereby facilitating BHEL to lodge insurance claim. Any loss suffered by BHEL due to failure in compliance to this provision will be attributable to transporter.
- 26.4 **In transit, if the vehicle along with BHEL equipments meets any accident, the responsibility of retrieval of the equipment shall be with the transporter and BHEL shall not bear any financial implication for the same except for repair of damaged item/equipment. The transporter shall be responsible for repair of their vehicle at their cost. The third party liability/ insurance will also be in the transporter's scope within quoted rates.**
- 26.5 The Transporters will operate their vehicles entirely at their own risk and BHEL shall not be held responsible for any damage to the vehicle while on the company's/customer's work or when parked in or around the company's/ customer's or any other premises.
- 26.6 The Transporters will ensure that all vehicles used for the transportation of consignments under transportation rate contracts are covered by insurance policy. Under no circumstance shall the BHEL be liable to compensate them for any loss or damage that may be caused to the vehicles while engaged in the discharge of the Transporter's obligations under this contract.
- 26.7 The Transporters will make their own arrangements for proper parking of their vehicles overnight / during detention in company's/customer's premises.

27.0 FORCE MAJEURE CONDITIONS:

Natural disruptions like flood, high tides/gusty winds, washouts, fire, explosions, landslides, lightning, earthquake, Storms/Cyclones, Hurricane, damaged bridges, /culverts/roads, terrorist acts or Hostile acts of the public enemy, Civil Commotion, Epidemics, quarantine restrictions, arrest and restraints of the Government necessity for compliance with any court order, law ordinance or regulations promulgated by any Governmental authority having jurisdiction either federal/state/civil or military and conditions like war, strikes, riots, road breaches, blockades, sabotage, insurrection, Acts of God, other industrial disturbances, lockouts, and other similar causes/events over which the contractor/BHEL has no control, shall be treated as force majeure and any delay in the job due to above reasons shall be considered by BHEL on representation with documentary evidences.

28.0 PAYMENT TERMS:

BHEL will release the payment **as per below table** of safe delivery of consignment at destination on submission of following documents.

Type of Bidder	Payment Timelines	Payment Terms (Number of days)
----------------	-------------------	-----------------------------------

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

Micro & Small Enterprises	Payments shall be made to the Seller within 45 days	45 days
Medium Enterprises	Payments shall be made to the Seller within 60 days	60 days
Non MSME	Payments shall be made to the Seller within 90 days	90 days

- 28.1 The invoice in duplicate based on the accepted/awarded rate.
- 28.2 Copy of letter of award.
- 28.3 Copy of LR with consignee's acknowledgement and seal clearly indicating the date of delivery and name of the person who received the materials, the vehicle registration number and type of vehicle etc., in which the consignment is received duly affixing seal (rubber stamp) of consignee shall be submitted along with the bill . Number of packages / weight delivered with vehicle Nos. shall be indicated on the LR without exception.
- 28.4 Copy of Challan /packing slip issued by consignor, duly endorsed by consignee for receipt of all items in good condition at destination.
- 28.5 Dispatch and Delivery certificate (as per Annexure-I of Special Condition of Contract-Part of Volume-IA) need to be obtained from consignor and consignee sites respectively for each vehicle deployed. This certificate will be included along with other consignment / documents (e.g. LR /challan, packing list, material forwarding certificate, road permit etc.) and must be submitted along with the freight bill. **If sufficient/essential data is available in LR, GR/Gate Pass, it can be considered in place of Dispatch and Delivery certificate.**
- 28.6 Separate invoice for amount over & above the awarded amount if any viz. detention charges, road tax on BHEL own Crane, if applicable has to be submitted along with supporting document in original. No extra payment shall be made for Toll Tax. In case of detention charges, copy of LR indicating in & out time & date of vehicle duly certified by BHEL official has to be submitted as original will be submitted in invoice for awarded amount.
- 28.7 **Paying Authority:** Consignor site/ Consignee site/ Ordering Authority or as specified in Work Order.
- 28.8 BHEL has switched on to payment through Electronic Fund Transfer (EFT)/RGITS. In order to implement the new system , the following details are to be furnished by you pertaining to your Bank Accounts where proceeds will be transferred through our Banker:
1. **Name of the Company**
 2. **Name of Bank**
 3. **Name of Bank Branch & Branch Code**
 4. **City**
 5. **Account Number**
 6. **Account Type**
 7. **IFSC Code of the Bank Branch**
 8. **MICR Code of the Bank Branch.**
- 29.0 **SECURITY DEPOSIT:** Please refer Clause no. 1.10 of Volume-I C GCC
- 30.0 **Safety, Occupational Health and Environmental Management:** As per "Health Safety Environment Plan" which is part of Volume IC-GCC

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

31.0 RESPONSIBILITY OF THE CONTRACTOR IN RESPECT OF SAFETY OF MEN, EQUIPMENT, MATERIAL AND ENVIRONMENT:

The Contractor shall:

- 31.1 Abide by the Safety Regulations applicable for the Site/Project and in particular as mentioned in the booklet "Safe Work Practices" issued by BHEL. Contractors are also to ensure that their employees and workmen use safety equipment as stipulated in the Factories Act (Latest Revision) during the execution of the work. Failure to use safety equipment as required by BHEL Engineer will be a sufficient reason for issuance of memo, which shall become part of Safety evaluation of the contractor at the end of the Project. Also, all site work may be suspended if it is found that the workmen are employing unsafe working practice and all the costs/losses incurred due to suspension of work shall be borne by contractor. A comprehensive list of National Standards from which the contractor can draw references for complying with various requirements under this section is given under.
- 31.2 Hold BHEL harmless and indemnified from and against all claims, cost and charges under Workmen's Compensation Act 1923 and 1933 and any amendment thereof and the contractor shall be solely responsible for the same.
- 31.3 Abide by the Procedure governing entry/exit of the contractor's personnel within the Customer/Client premises. All the contractors' employees shall be permitted to enter only on displaying of authorized Photo passes or any other documents as authorized by the Customer/Client.
- 31.4 Be fully responsible for the identity, conduct and integrity of the personnel/workers engaged by them for carrying out the contract work and ensure that none of them are ever engaged in any anti national activity.
- 31.5 Prepare a signboard giving the following information and display it near work site:
 - i. Name of Contractor
 - ii. Name of Contractor Site-in-charge & Telephone number
 - iii. Job Description in short
 - iv. Date of start of job
 - v. Date of expected completion
 - vi. Name of BHEL Site-in-charge
- 31.6 Abide by the rules and regulations existing during the contract period as applicable for the contractors at the Project premises.
- 31.7 Observe the timings of work as advised by BHEL Engineer-in-charge for carrying out the contract work.

32.0 GENERAL:

- 32.1 In case any contradiction between "General Condition of Contract" & "Special Condition of Contract" of this tender specification, the provision of "Special Condition of Contract" shall prevail.
- 32.2 In case of contradiction between Quoted Unit Rate and total amount, the quoted unit rate shall be taken as correct and total amount recalculated for the intended order quantity.
- 32.3 In case of contradiction between Rate in Figure and Rates Words, the lesser of the two shall be considered as correct.
- 32.4 In case BHEL finds that any bidder has furnished incorrect information, the offer is liable for rejection.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

33.0 TAXES, DUTIES, LEVIES (Rev 14 dated 09/10/2020)

1. All taxes excluding GST, GST Cess & BOCW Cess but including, Royalties, fees, license, deposits, commission, any State or Central Levy and other charges whatsoever, if any, shall be borne by you and shall not be payable extra.
2. Any increase of the taxes excluding GST, GST Cess & BOCW Cess, at any stage during execution including extension of the contract shall have to be borne by the contractor. Quoted/ accepted rates/ price shall be inclusive of all such requirements. Please note that since GST on output will be paid by BHEL separately as enumerated below, your quoted rates/ price should be after considering the Input Credit under GST law at your end.
3. **GST** :
The successful bidder shall furnish proof of GST registration .GST along with Cess (as applicable) legally leviable & payable by the successful bidder as per GST Law, shall be paid by BHEL. Hence Bidder shall not include GST along with Cess (as applicable) in their quoted price.
4. GST charged in the Tax Invoice/Debit note by the contractor shall be released separately to the contractor only after contractor files the outward supply details in GSTR-1 on GSTN portal and input tax credit of such invoice is matched with corresponding details of outward supply of the contractor and has paid the GST at the time of filing the monthly return
5. E-invoicing under GST has been implemented with effect from 1st October 2020 for all the taxable persons having turnover more than the threshold limit in any preceding financial year from 2017-18 onwards. Therefore, for all the taxable persons falling under the purview of E-invoice, it is mandatory to mention a valid unique Invoice Reference No. (IRN) and QR code as generated from E-Invoicing portal of the Government for the purpose of issuing a valid Tax Invoice. Only an E-invoice issued in the manner prescribed under rule 48(4) of CGST Rules shall be treated as valid invoice for reimbursement of GST amount.
If the successful Bidder is not falling under the purview of E-Invoicing then he has to submit a declaration in that respect along with relevant financial statements.
6. Bidder shall note that the GST Tax Invoice complying with GST Invoice Rules (Section 31 of GST Act & Rules referred there under) wherein the 'Bill To' details will as below:
BHEL GSTN – As per **Annexure -1**
NAME -- Bharat Heavy Electricals Limited
ADDRESS – Site address
7. Bidder to immediately intimate on the day of removal of Goods (in case of any supply of goods) to BHEL along with all relevant details and a scanned copy of Tax Invoice to below email ids to enable BHEL to meet its GST related compliances :-
Email id ---- to be intimated later on.
In case of delay in submission of the abovementioned documents on the date of dispatch, BHEL may incur penalty /interest for not adhering to Invoicing Rules under GST Law. The same will be liable to be recovered from the successful bidder, if such delay is not attributable to BHEL.
8. In case of raising any Supplementary Tax Invoice (Debit / Credit Note) Bidder shall issue the same containing all the details as referred to in Section 34 read with Rule 53.
9. Bidder shall note that in case GST credit is delayed/ denied to BHEL due to delayed / non receipt of goods and /or tax invoice or expiry of the timeline prescribed in GST Law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from the vendor along with interest levied / leviable on BHEL, as the case may be.

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

10. Bidder shall upload the Invoices raised on BHEL in GSTR-1 within the prescribed time as given in the GST Act. Bidder shall note that in case of delay in declaring such invoice in your return and GST credit availed by BHEL is denied or reversed subsequently as per GST Law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from the bidder along with interest levied / leviable on BHEL.
11. Way Bill: Successful Bidder to arrange for way bill / e-waybill for any transfer of goods for the execution of the contract.

The Bidder has to make their own arrangement at their cost for completing the formalities, if required, with Issuing Authorities, for bringing materials, plants & machinery at site for execution of the works under this contract, Road Permit/ Way Bill, if required, shall be arranged by the contractor and BHEL will not supply any Road Permit/ Way Bill for this purpose.

12. **New taxes and duties:-**Any New taxes & duties, if imposed subsequent to due date of offer submission as per NIT & TCN, by statutory authority during contract period including extension, if the same is not attributable to you, shall be reimbursed by BHEL on production of relevant supporting document to the satisfaction of BHEL. However, you shall obtain prior approval from BHEL before depositing new taxes and duties.

Benefits and/or abolition of all existing taxes must be passed on to BHEL against new Taxes, if any, proposed to be introduced at a later date.

In case any new tax/levy/duty etc. becomes applicable after the date of bidder's offer but before opening of the price bid, the bidder must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of the price bids. Claim for any such impact after opening the price bid will not be considered by BHEL for reimbursement of tax or reassessment of offer.

13. For transportation work, bidder shall declare in his quotation whether he is registered under GST, if yes, whether he intends to claim GST on forward charge basis. In absence of this declaration, BHEL will proceed further with the assumption that bidder intends not to claim GST on forward charge basis. However, in case of GST registered transporter, the amount to the extent of goods and service tax will be retained till BHEL avails the credit of GST. Further, transporter shall issue tax invoice which inter alia includes gross weight of the consignment, name of the consigner and the consignee, registration number of vehicle in which the goods are transported, details of goods transported, details of place of origin and destination, GSTIN of the person liable for paying tax whether as consigner, consignee or goods transport agency, and also containing other information as mentioned under rule 46.
14. **TDS under Income Tax shall be deducted at prevailing rates on gross invoice value from the running bills unless exemption certificate from the appropriate authority/ authorities is furnished.**
15. **TDS under GST shall be deducted at prevailing rates on applicable value from the running bills.**
16. **TCS under Income Tax 1961 has been implemented with effect from 1st October 2020 for every seller having turnover more than threshold limit during financial year immediately preceding financial year in which the sale of goods is carried out, who receives any amount as consideration for sale of any goods of the value or aggregate of such value exceeding threshold limit other than export of goods or who is already covered under other provision of section 206C, collect from the buyer, TCS as per applicable rates of the sale consideration exceeding threshold limit subject to following conditions**
 - i. Buyer shall be as per clause (a) of section 206C- (1H)

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

- ii. Seller shall be as per clause (b) of section 206C- (1H)
- iii. No TCS is to be collected, if the seller is liable to collect TCS under other provision of section 206C or the buyer is liable to deduct TDS under any provision of the Act and has deducted such amount.

If Successful Bidder is falling under the purview of TCS then he has to submit a declaration in that respect along with relevant financial statements before the start of work or if bidder is falling under preview of TCS during the work in progress then bidder is compulsorily required to submit relevant financial statement in the beginning of the respective FY.

For TCS claim, vendor has to submit relevant documents required as per Income Tax Act.

17. Refer Annexure – 2 for BOCW Act & Cess Act.

ANNEXURE-1

State wise GSTIN no.s of BHEL

Sl. No	Projects under state	GSTIN
1	Andhra Pradesh	37AAACB4146P7Z8
2	Bihar	10AAACB4146P1ZU
3	Chhattisgarh	22AAACB4146P1ZP
4	Gujarat	24AAACB4146P1ZL
5	Jharkhand	20AAACB4146P5ZP
6	Madhya Pradesh	23AAACB4146P1ZN
7	Maharashtra	27AAACB4146P1ZF
8	Orissa	21AAACB4146P1ZR
9	Telangana	36AAACB4146P1ZG

ANNEXURE-2

BOCW Act & Cess Act

Bidder may please note that the sub-contractor/bidder of BHEL engaging building or construction worker in connection with building or other construction work, are required to follow the procedures enumerated below:

1. It shall be the sole responsibility of the contractor as employer to ensure compliance of all the statutory obligations under the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers' Welfare Cess Act, 1996 and the rules made thereunder.
2. It shall be sole responsibility of the contractor engaging Building Workers in connection with the building or other construction works in the capacity of employer to apply and obtain registration certificate specifying the scope of work under the relevant provisions of the Building and Other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 from the appropriate Authorities.
3. It shall be responsibility of the contractor to furnish a copy of such Registration Certificate within a period of one month from the date of commencement of Work.
4. It is responsibility of the contractor to register under the Building and other Construction Workers' Welfare Cess Act, 1996 and deposit the required Cess for the purposes of the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 at such rate as

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

the Central Government may , by notification in the Official Gazette, from time to time specify. However, before registering and deposit of Cess under the Building and other Construction Workers' Welfare Cess Act, 1996, the contractor will seek written prior approval from the Construction Manager.

5. It shall be sole responsibility of the contractor as employer to get registered every Building Worker, who is between the age of 18 to 60 years of age and who has been engaged in any building or other construction work for not less than ninety days during the preceding twelve months as Beneficiary under the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996.
6. It shall be sole responsibility of the contractor as employer to maintain all the registers, records, notices and submit returns under the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers' Welfare Cess Act, 1996 and the rules made thereunder.
7. It shall be sole responsibility of the contractor as employer to provide notice of poisoning or occupation notifiable diseases, to report of accident and dangerous occurrences to the concerned authorities under the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 and the rules made thereunder and to make payment of all statutory payments & compensation under the Employees' Compensation Act, 1923.
8. It shall be the responsibility of the sub-contractor as employer to make payment/deposit of applicable cess amount on the extent of work involving building or construction workers engaged by the sub-contractor within a period of one month from the receipt of payment. It shall also be responsibility of the Contractor to furnish BHEL on monthly basis, Receipts/ Challans towards Deposit of the Cess under the Building and other Construction Workers' Welfare Cess Act, 1996 and the rules made thereunder along with following statistics :
 - (i) Number of Building Workers employed during preceding one month.
 - (ii) Number of Building workers registered as Beneficiary during preceding one month.
 - (iii) Disbursement of Wages made to the Building Workers for preceding wage month.
 - (iv) Remittance of Contribution of Beneficiaries made during the preceding month
9. BHEL shall reimburse the contractor the Cess amount deposited for the purposes of the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 under the Building and other Construction Workers' Welfare Cess Act, 1996 and the rules made thereunder. However, BHEL shall not reimburse the Fee paid towards the registration of establishment, fees paid towards registration of Beneficiaries and Contribution of Beneficiaries remitted.
10. It shall be responsibility of the Building Worker engaged by the Contractor and registered as a beneficiary under the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 to contribute to the Fund at such rate per mensem as may be specified by the State government by notification in the Official Gazette. Where such beneficiary authorizes the contractor being his employer to deduct his contribution from his monthly wages and to remit the same, the contractor shall remit such contribution to the Building and other construction Workers' Welfare Board in such manner as may be directed by the Board , within the fifteen days from such deduction.
11. Bidders may please note that though the quoted price is exclusive of BOCW (which will be reimbursed by BHEL as per sub-clause 9 above) , however, If at any point of time during the contract period, non-compliance of the provisions of the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers' Welfare Cess Act, 1996 and the rules made thereunder is observed, BHEL reserves the right to deduct the applicable cess

TECHNICAL CONDITIONS OF CONTRACT (TCC)- VOLUME-IA

(1%) on the contract value and penalty (if any, imposed by Cess Authorities) from the payables on account of non-compliance.

12. The contractor shall declare to undertake any liability or claim arising out of employment of building workers and shall indemnify BHEL from all consequences / liabilities / penalties in case of non-compliance of the provisions of the Building and other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers' Welfare Cess Act, 1996 and the rules made thereunder.

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

ANNEXURE-C

LIST OF CRANES AVAILABLE IN BHEL-PSWR FOR TRANSPORTATION:

SL. NO.	DESCRIPTION OF EQUIPMENT	Model	Capacity	Make	Present Location
01	HYDRAULIC CRAWLER CRANE	M18000	450MT	Manitowoc	PVUNL Patratu
02	HYDRAULIC CRAWLER CRANE	LR1350/2	350MT	Liebherr	PVUNL Patratu
03	HYDRAULIC CRAWLER CRANE	LR1350/2	350MT	Liebherr	Talcher
04	HYDRAULIC CRAWLER CRANE	CKE 2500	250MT	Kobelco	Talcher
05	HYDRAULIC CRAWLER CRANE	CKE 2500	250MT	Kobelco	PVUNL Patratu
06	HYDRAULIC CRAWLER CRANE	CKE 2500	250MT	Kobelco	PVUNL Patratu
07	HYDRAULIC CRAWLER CRANE	CKE 2500	250MT	Kobelco	Bhusawal
08	HYDRAULIC CRAWLER CRANE	LS 248	180MT	FMC	Bhilai
09	HYDRAULIC CRAWLER CRANE	QUY 120	120MT	Fushun	Manuguru
10	HYDRAULIC CRAWLER CRANE	QUY 100/37	100MT	Zoomlion	NTPC Ramagundam
11	HYDRAULIC CRAWLER CRANE	QUY 100/38	100MT	Zoomlion	Mouda FGD
12	HYDRAULIC CRAWLER CRANE	KH-500	100MT	Tata	Bhusawal
13	HYDRAULIC CRAWLER CRANE	QUY 80B	80MT	Fushun	Bhilai
14	HYDRAULIC CRAWLER CRANE	QUY 80B	80MT	Fushun	PVUNL Patratu
15	HYDRAULIC CRAWLER CRANE	QUY 80B	80MT	Fushun	PVUNL Patratu
16	Escort K-10-10Ton Crane - 071	K 10	10MT	Escort	Kakrapar
17	Strand Jack System			Dorman Long	Manuguru
18	Other T&Ps such as Induction Heating Equipment, Hydro Test Pump, Acid Circulating Pump, Porta Cabin etc.				

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

TENTATIVE PACKING LIST & LOADING PLAN OF MANITOWOC, M18000 CRAWLER CRANE FOR TRANSPORTATION:

SL No.	Pkg. No.	Description	Gross Weight In MT	Dimensions In FEET /METER		
				Length	Width	Height
1	1	Upper structure Modules Rotating Bed Mast & Wire Rope	44.0 (approx)	43.83 feet 13.36 Mtrs	9.33 feet 3.02 Mtrs	9 feet 2.74 Mtrs
2	2	Car Body with Adopter frame	44.68	26 feet 7.92 Mtrs	9.83 feet 3.0 Mtrs	11.25 feet 3.43 Mtrs
3	3	Crawler Frame (RH)	39.97	39.16 feet 11.94 Mtrs	7.08 feet 2.16 Mtrs	6.91 feet 2.11 Mtrs
4	4	Crawler Frame (LH)	39.97	39.16 feet 11.94 Mtrs	7.08 feet 2.16 Mtrs	6.91 feet 2.11 Mtrs
5	5	Top Boom 79 A -30 feet with Adopter frame # 79 B and 2 boom signs	15.3	39 feet 11.89 mtrs	9.83 feet 3.0 Mtrs	11 feet 3.35 mtrs
6	6	Butt 20 feet # 55 Boom with wire rope	15.6	22 feet 6.71 mtrs	11.83 feet 3.61 mtrs	10.25 feet 3.12 mtrs
7	52	Insert 10 feet # 55 with wire rope on insert	15	10.83 feet 3.3 mtrs	9.75 feet 2.97 Mtrs	10.16 feet 3.10 mtrs
	60	Inserts 20 feet #79 boom with 20 feet # 44 boom inserts	6.35	24.58 feet 7.49 mtrs	9.75 feet 2.97 Mtrs	10.16 feet 3.10 mtrs
8	50	Insert 40 feet #55 with 1-jack stop, 4 jack pads	10.89	40.83 feet 12.45 mtrs	9.83 feet 3.0 Mtrs	10.25 feet 3.12 mtrs
9	49	Insert transition # 55/79 BOOM WITH 4 CATWALK ESTION, 2 STEP, 1 detachable point	8.8	40.83 feet 12.45 mtrs	9.83 feet 3.0 Mtrs	10.25 feet 3.12 mtrs
10	53	Insert 40 feet #79 with one 40 feet #56 boom inserts with jack pad and cat walk section	13.07	42 feet 12.80 mtrs	9.83 feet 3.0 Mtrs	10.25 feet 3.12 mtrs
11	51	Insert 20 feet #55 with 20 feet # 56 boom insert	9.76	25.58 feet 7.8 mtrs	9.75 feet 2.97 Mtrs	10.16 feet 3.10 mtrs
	59	Insert 10 feet #44 boom	1.45	10.25 feet 3.12 Mtrs	8.5 feet 2.59 mtrs	8.75 feet 2.67 Mtrs
12	67	20 feet # 56 Top pinned to 20 feet # 56 Mast Butt with wire rope	29.96	595 In 49.58 feet 15.11 mtrs	110 In 9.16 feet 2.79 Mtrs	119 In 9.91 feet 3.02 mtrs
13	46	Main Strut pinned with Jib Strut	11.39	636 In 53 feet 16.15 mtrs	113 In 9.41 feet 2.87 mtrs	98 In 8.16 feet 2.49 mtrs
14	47	Butt 28 feet UPP with 2 jib stop with lower butt pinned to upper butt	4.77	492 In 42 feet 12.50 mtrs	102 In 8.5 feet 2.59 mtrs	103 In 8.58 feet 2.62 mtrs
15	66	Top 30 feet # 44 Boom with 2 boom signs	5.9	396 In 33 feet 10.06 Mtrs	102 In 8.5 feet 2.59 mtrs	118 In 9.83 feet 3.0 mtrs
	63	Block Hook 150 MTON 4 sheave	3.63	100 In 8.33 feet 2.54 mtrs	40 In 3.33 feet 1.02 mtrs	50 In 4.16 feet 1.27 mtrs
16	54	Insert 40 feet #44 with 2 straps	4.09	40.5 feet 12.35 Mtr	8.5 feet 2.59 mtrs	8.66 feet 2.64 mtrs
17		Insert 40 feet #44 with 2 straps	4.09	40.5 feet 12.35 Mtr	8.5 feet 2.59 mtrs	8.66 feet 2.64 mtrs
18		Insert 40 feet #44 with 2 straps	4.09	40.5 feet 12.35 Mtr	8.5 feet 2.59 mtrs	8.66 feet 2.64 mtrs
19	55	Block 500 US Ton 15 sheave	11.34	135 In 11.25 feet 2.72 mtrs	71 In 5.91 feet 1.8 mtrs	46 In 3.83 feet 1.17 mtrs

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

SL No.	Pkg. No.	Description	Gross Weight In MT	Dimensions In FEET /METER		
				Length	Width	Height
	61	Block 350MT	7.94	72 In 6 feet 1.83 mtrs	56 In 4.66 feet 1.42 mtrs	62 In 5.16 feet 1.57 mtrs
	65	Block Hook 100 MT	1.86	80 In 6.66 feet 2.03 mtrs	40 In 3.33 feet 1.02 mtrs	27 In 2.25 feet 0.69mtrs
	64	Block Hook 50 MT 1 sheave	0.95	80 In 6.66 feet 2.03 mtrs	40 In 3.33 feet 1.02 mtrs	19 In 1.58 feet 0.48 mtrs
20	12	Counter Weight Box -Black	20.01	140 In 11.66 feet 3.56 Mtrs	102 In 8.5 feet 2.59 Mtrs	20 In 1.66 feet 0.51 mtrs
21	13	Counter Weight Box -Black	20.01	140 In 11.66 feet 3.56 Mtrs	102 In 8.5 feet 2.59 Mtrs	20 In 1.66 feet 0.51 mtrs
22	14	Counter Weight Box -Black	20.01	140 In 11.66 feet 3.56 Mtrs	102 In 8.5 feet 2.59 Mtrs	20 In 1.66 feet 0.51 mtrs
23	15	Counter Weight Box -Black	20.01	140 In 11.66 feet 3.56 Mtrs	102 In 8.5 feet 2.59 Mtrs	20 In 1.66 feet 0.51 mtrs
24	16	Counter Weight Box -Black	20.01	140 In 11.66 feet 3.56 Mtrs	102 In 8.5 feet 2.59 Mtrs	20 In 1.66 feet 0.51 mtrs
25	17	Counter Weight Box -Black	20.01	140 In 11.66 feet 3.56 Mtrs	102 In 8.5 feet 2.59 Mtrs	20 In 1.66 feet 0.51 mtrs
26	20	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	25	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	21	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
27	31	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	36	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	34	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
28	39	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	37	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	40	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
29	22	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

SL No.	Pkg. No.	Description	Gross Weight In MT	Dimensions In FEET /METER		
				Length	Width	Height
	18	Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	19	Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
30	29	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	35	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	41	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
31	42	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	32	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	44	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
32	30	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	38	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	45	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
33	27	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	23	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	43	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
34	26	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	28	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
	58	Block hook 150 Mton 4 sheave	3.63	2.54 mtrs 40 feet	1.02 mtrs 4"	1.3 mtrs 2"
35	7	Counter Weight Tray with 1- Stairway Right Hand 1.Stairway Left Hand With 2 rails	6.13	121 In 10.08 feet 3.07 Mtrs	117 In 9.75 feet 2.97 Mtrs	96 In 8 feet 2.44 Mtrs
	8	Counter Weight Tray with 1- Stairway Right Hand 1.Stairway Left Hand With 2 rails	6.13	121 In 10.08 feet 3.07 Mtrs	117 In 9.75 feet 2.97 Mtrs	96 In 8 feet 2.44 Mtrs

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

SL No.	Pkg. No.	Description	Gross Weight In MT	Dimensions In FEET /METER		
				Length	Width	Height
	57	Block hook 50 MT 1 sheave	0.91	80 In 6.66 feet 2.03 mtrs	40 In 3.33 feet 102 mtrs	26 In 2.16 feet 0.66 mtrs
		Upperworks jacking system (4 Nos.)	6.4			
36	9	Counter Weight Tray Car Body	15.88	174 In 14.5 feet 4.42 Mtrs	102 In 8.5 feet 2.59 Mtrs	56 In 4.66 feet 1.42 Mtrs
	24	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
37	11	Counter Weight Tray Car Body	15.88	174 In 14.5 feet 4.42 Mtrs	102 In 8.5 feet 2.59 Mtrs	56 In 4.66 feet 1.42 Mtrs
	33	Box Counter Weight	8.22	103 In 8.58 feet 2.62 mtrs	99 In 8.25 feet 2.51 mtrs	17 In 2.04 feet 0.43 mtrs
38	10	Container (40'x8'x8') with misc. items	12	40 feet	8 feet	8 feet
39		Steel Plate (10030x2500x50 mm)	10	10.03 mtr	2.5 mtr	50 mm
		Steel Plate (10000x2500x45 mm)	9	10 mtr	2.5 mtr	45 mm
		Steel Plate (10000x2500x40 mm)	8	10 mtr	2.5 mtr	40 mm
40		Steel Plate (11000x2000x36 mm)	6.34	11 mtr	2 mtr	36 mm
		Steel Plate (11000x2000x40 mm)	7.04	11 mtr	2 mtr	40 mm
		Steel Plate (10040x2500x40 mm)	8.03	10.04 mtr	2.5 mtr	40 mm
41		Steel Plate (12000x2500x32 mm)	7.7	12 mtr	2.5 mtr	32 mm
		Steel Plate (12150x2000x40 mm)	7.8	12.15 mtr	2 mtr	40 mm
		Steel Plate (12070x2000x40 mm)	7.7	12.07 mtr	2 mtr	40 mm

TENTATIVE PACKING LIST & LOADING PLAN OF LIEBHERR 1350/1 CRAWLER CRANE FOR TRANSPORTATION

Sl. No	Description	Qty	L (Ft)	W (Ft)	H (Ft)	Weight (MT)	Total Weight (MT)
1	Superstructure incl. center section, SA-frame incl. winch I, II & IV, slewing gears, 4X support plates	1	39.04	9.84	10.49	53.50	53.50
2	Crawler with driving gear	1	31.82	4.59	5.01	23.00	23.00
3	Crawler with driving gear	1	31.82	4.59	5.01	23.00	23.00
4	Center counter weight 7.5MT	2	7.87	3.93	2.95	7.50	15.00
	Counterweight slabs 5MT	2	7.21	6.88	1.312	5.00	10.00
5	Counterweight slabs 10MT	2	7.21	6.88	2.29	10.00	20.00
	Counterweight slabs 5MT	1	7.21	6.88	1.312	5.00	5.00
6	Counterweight base frame	1	23.95	7.21	1.8	15.00	15.00
	Hook block 107t, 3 sheaves	1	4.92	2.72	4.92	3.35	3.35
	Hook block 47t, 1 Sheave	1	4.26	2.00	2.62	2.00	2.00
7	Counterweight slabs 10MT	1	7.21	6.88	2.29	10.00	10.00
	Center counter weight 4MT	1	18.04	4.92	0.229	4.00	4.00
	Hook block 215t 7 sheaves	1	5.57	3.6	4.92	5.10	5.10
	Additional support	2	7.87	2.62	3.93	1.00	2.00
8	Counterweight slabs 10MT	1	7.21	6.88	2.29	10.00	10.00
	Center counter weight 4MT	1	18.04	4.92	0.229	4.00	4.00
	Counterweight slabs 5MT	1	7.21	6.88	1.312	5.00	5.00
	Case with spare parts (boom pipes)	1	40	2	2	2.00	2.00
9	Center counter weight 7.5MT	2	7.87	3.93	2.95	7.50	15.00
	Counterweight slabs 5MT	1	7.21	6.88	1.312	5.00	5.00
10	Counterweight slabs 10MT	2	7.21	6.88	2.29	10.00	20.00
11	Counterweight slabs 10MT	2	7.21	6.88	2.29	10.00	20.00
12	S-pivot section 10 m, 2x ladder	1	34.12	9.84	8.2	7.70	7.70

Bharat Heavy Electricals Limited: PSWR: Nagpur

E-Tender Spec No: BHE/PW/PUR/PSWR-RC-TPT/ 3162

Page 36 of

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

13	Interm. section 6 m (S.10/Li.10)	1	21.65	9.84	7.87	4.70	4.70
14	Interm. Section 12 m (S.20/Li.10)	1	42.65	9.84	7.87	8.70	8.70
15	Interm. section 12 m (S.20/Li.10 for f-jib) incl.2x interm Section 6m (F.10)	1	41.33	9.84	7.87	8.80	8.80
16	F- Pivot section 6m	1	20.34	3.93	3.28	0.70	0.70
	F- Head section 6m	1	20.99	3.93	3.28	1.30	1.30
17	FA-frame	1	20.34	8.53	2.95	1.20	1.20
	SL-reducing section	1	20.66	9.84	7.87	1.90	1.90
18	L-head section 8m, 200to	1	28.21	8.53	8.53	3.80	3.80
19	Container (with spare parts & accessories)	1	20	8.5	8.5	10.00	10.00
	Counter weight slabs 5MT	1	7.21	6.88	1.312	5.00	5.00

TENTATIVE PACKING LIST & LOADING PLAN OF KOBELCO CKE 2500 CRAWLER CRANE FOR TRANSPORTATION

Sl. No.	Description	Gross Wt in Kg.	Dimension of packages LxWxH (meter)
1	Upper Machine with Carbody, Mast and Wire Rope	46100	13.64x3.5x3.5
2	Crawler Frame Assy (R.H)	20700	8.97x1.38x1.73
3	Crawler Frame Assy (L.H)	20700	8.97x1.38x1.73
4	Counter Weight	10700	4.1x1.95x0.9
	Counter Weight	5625	1.84x1.2x0.49
	Counter Weight	5625	1.84x1.2x0.49
	Counter Weight	5625	1.84x1.2x0.49
5	Counter Weight	5625	1.84x1.2x0.49
	Counter Weight	5625	1.84x1.2x0.49
	Counter Weight	5625	1.84x1.2x0.50
	Counter Weight	5625	1.84x1.2x0.51
	Counter Weight	5625	1.84x1.2x0.52
6	Counter Weight	5625	1.84x1.2x0.53
	Counter Weight	5625	1.84x1.2x0.54
	Counter Weight	5625	1.84x1.2x0.55
	Counter Weight	5625	1.84x1.2x0.56
	Counter Weight	5625	1.84x1.2x0.57
7	Counter Weight	5625	1.84x1.2x0.49
	Counter Weight	6350	2.7x2.47x0.47
	Counter Weight	6350	2.7x2.47x0.47
	Counter Weight	5625	1.84x1.2x0.58
	Counter Weight	5625	1.84x1.2x0.49
8	Fix jib lower boom	250	4.78x1.04x0.93
	Fix jib strut Assy	340	5.15x1.2x0.82
	Fix jib upper boom	370	5.06x1.02x0.92
	Insert boom 20'	1700	6.096x2.34x2.41
9	Lower Boom Assy with backstop + Insert boom 10'	5850	11.348x2.34x2.43
10	Upper boom Assy	3800	8.45x2.34x2.36
11	Insert boom 40'	2800	12.32x2.34x2.41
	Fix insert jib boom 10'		
12	Insert boom 40'	2800	12.32x2.34x2.41
	Fix insert jib boom 20'		
13	Insert boom 40'	2800	12.32x2.34x2.41
	Fix insert jib boom 20'		
14	Insert boom 40'	2860	12.32x2.34x2.41
	Aux. platform		
	Aux. platform		
15	Insert boom 40'	2690	12.32x2.34x2.41
16	250 Ton hook	4640	2.67x1.82x1.09

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA**APPENDIX-A (LOADING PLAN)**

Sl. No.	Description	Gross Wt in Kg.	Dimension of packages LxWxH (meter)
	150/100 Ton hook	2550	2.85x0.94x1.04
	70 Ton hook	2300	2.03x0.94x1.28
	35 Ton hook		
	Aux sheave Assy	420	2.23x0.93x0.98
	Container	2500	6.00x2.60x2.60
	Following items will be packed inside the Container		
	Wooden Box (Containing Guy cable & Guy Line)	3310	2.3x2.29x1.59
	Box (Accessories)	1190	3.23x1.38x1.12
	Tools & Lubrication kit and accessories for machine	1680	1.92x1.1x1.02
	Case	409	4.83x.43x.57
	Case (Pallet)	140	1.39x.99x.95
	Case (pipes)	150	6.0x0.5x0.5

TENTATIVE PACKING LIST & LOADING PLAN OF HYDRA FOR TRANSPORTATION

Sl. No.	Description of material	Dimension of consignment	Weight	Quantity
1	Complete machine in assembled condition	37' x 10'T	8 MT	1
2	Wooden Box with spare parts	4' x 3' x 3'	0.5 MT	1

TENTATIVE PACKING LIST & LOADING PLAN OF LS248 FMC CRAWLER CRANE FOR TRANSPORTATION

Sl. No.	DESCRIPTION	L x W x H (feet)	QTY	WEIGHT (MT)
1	CRANE UPPER WORKS	20'4"X10'9"X10'7"	1	30
	HOOK BLOCK 158 MT	6'X2'5"X3'	1	2.7
	Ball Hook		1	0.5
2	SIDE FRAME	28'6"X3'8"X4'8"	2	22.2
3	COUNTER WEIGHT 'A'	11'X4'3"X4'2"	1	10.3
	COUNTER WEIGHT 'C'	11'X4'2"X2'7"	1	13.1
4	COUNTER WEIGHT 'B'	11'X4'3"X3' '7"	1	20.3
	SPARE PARTS BOX		2	2
5	LIVE MAST	33'2"X5'6"X2'7"	1	3
	JIB TOP WITH PENDANTS, JIB BOTTOM WITH STRUT	30'X3.5'X3.5'	1	2.7
6	BOOM TOP WITH PENDANTS	33'2"X7'2"X6'11"	1	5
	SPARE PARTS BOX		2	2
7	BOOM BOTTOM	22'2"X7'2"X6'11"	1	5
	LIVE MAST	33'2"X5'6"X2'7"	1	3
8	BOOM INSERTS WITH PENDANTS	40'X7'2"X6'11"	4	3.5
9	BOOM INSERTS WITH PENDANTS	30'X7'2"X6'11"	1	0.9
	BOOM INSERTS WITH PENDANTS	10'X7'2"X6'11"	1	0.5
10	BOOM INSERTS WITH PENDANTS	20'X7'2"X6'11"	1	0.7

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

	BOOM ISERTS WITH PENDANTS	10'X7'2"X6'11"	1	0.5
11	JIB INSERTS OF 20'	20'x3.5'x3.5'	1	0.8
	JIB INSERTS OF 20'	20'x3.5'x3.5'	1	0.8
	JIB INSERTS OF 20'	20'x3.5'x3.5'	1	0.8
	JIB INSERTS OF 10 '	10'X3.5'X3.5'	1	0.5
	Counter Weight Tray		1	5

TENTATIVE PACKING LIST & LOADING PLAN OF ZOOMLION QUY 100 CRAWLER CRANE FOR TRANSPORTATION

Sl. No.	DESCRIPTION	QTY	Weight (MT)	L (mm)	W (mm)	H (mm)
1	Main frame	1	33	10100	2900	3300
2	Left Track Shoe Assy	1	14.5	7475	900	1190
	Right Track Shoe Assy	1	14.5	7475	900	1190
3	Bottom section of main boom	1	1.48	9074	1814	1710
	Packing case	1	0.2	700	700	580
	Packing case	1	0.2	700	700	580
4	Top section of main boom	1	1.95	11166	2830	1710
5	6m of main boom	1	0.82	6120	1915	1890
	6m of main boom	1	0.7	6120	1915	1890
6	9m of main boom + Pendant of fixed jib	1	1.6	9120	1915	1890
	Packing case	1	0.4	1120	470	580
	Packing case	1	0.4	1120	470	580
7	9m of main boom	1	1.2	9120	1915	1890
	3m of main boom	1	0.5	3120	1915	1890
8	9m of main boom	1	1.2	9120	1915	1890
	Hook (100t)	1	1.95	2034	800	722
9	9m of main boom + 6m of fixed jib	1	1.45	9120	1915	1890
		1				
	Hook (50t)	1	1.36	1820	800	480
	Hook (12t)	1	0.47	970	385	385
10	Bottom section of fixed jib + stay bar of fixed jib	1	0.84	6680	1320	1360
	Top section of fixed jib	1	0.4	6930	950	960
11	Counterweight	5	4.25	1560	1200	400
12	Counterweight	3	4.25	1560	1200	400
	Truck shoe pads	8	0.68	900	900	600
	Helper jib Assy	1	0.135	1260	1050	720
	Counterweight base	1	7.06	4780	1660	1025

TENTATIVE PACKING LIST & LOADING PLAN OF FUSHUN QUY 120 CRAWLER CRANE FOR TRANSPORTATION

Sl. No.	Pkg. No	Description	Gross Weight in Kg	Dimension of packages in (mm)		
				L	W	H
1	5	Car body	31000	9020	3300	3400

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

	3	Jack Up Cylinder Assy	1655	1600	1500	1000
2	6	left crawler	17250	7970	1200	1200
	15	hook 50T	829	1830	740	410
	16	hook 100T	1660	2030	850	740
3	7	right crawler	17250	7970	1200	1200
	17	hook 120T	1910	2220	780	740
4	9	counterweight	7500	3550	1400	540
	10	counterweight	7500	3550	1400	540
	13	counterweight	5820	3550	1400	370
	31	6m jib insert	198	6080	1010	910
	32	6m jib insert	198	6080	1010	910
5	11	counterweight	7500	3550	1400	540
	12	counterweight	7500	3550	1400	540
	8	counterweight	4130	3550	1400	1360
	14	catwalk	88	2440	570	1080
	34	ladder	20	2450	550	450
6	18	boom foot	2565	8200	1850	2300
	2	small parts, pendant ropes, hook 25t, 9t	3028	2300	2040	1210
7	20	6m boom insert	950	6140	1820	1910
	21	6m boom insert	950	6140	1820	1910
8	22	9m boom insert	1344	9140	1820	2020
	19	3mtr boom Insert	532	3140	1820	1910
9	23	12m boom insert	1304	12140	1820	1910
10	24	12m boom insert	1304	12140	1820	1910
11	25	12m boom insert	1304	12140	1820	1910
12	26	boom top	1756	8770	1820	1910
	1	small parts and tool	652	1500	750	930
	4	Filters Box	305	1600	1400	1100
13	27	jib mast	439	5450	1040	600
	28	jib foot	217	5130	1010	910
	29	3m jib insert	113	3080	1010	910
	33	jib head	295	5360	1010	910
	30	6m jib insert	198	6080	1010	910

TENTATIVE PACKING LIST & LOADING PLAN OF FUSHUN QUY 80B CRAWLER CRANE FOR TRANSPORTATION

Sl. No.	Package No.	Description	DIMENSIONS (cm)			Gross weight (Kg)	Qty.
			L	W	H		
1	1	Box of small parts and tool	150	75	93	394	1
	2	Box of small parts and hook 80T, 8T	195	205	121	3165	1
	3	Box of support leg assembly	200	160	110	2200	1

Bharat Heavy Electricals Limited: PSWR: Nagpur

E-Tender Spec No: BHE/PW/PUR/PSWR-RC-TPT/ 3162

Page 40 of

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA**APPENDIX-A (LOADING PLAN)**

	4	Box of small parts and tool	160	160	126	950	1
	6	Counter weight	340	100	68	7810	1
2	5	Carbody	870	330	340	32000	1
3	7	Counter weight	340	100	77	9276	1
	8	Counter weight	340	100	77	7530	1
	9	Catwalk	253	58	106	80	1
	10	boom head	710	161	180	1680	1
4	11	boom 9M	920	161	180	1150	1
	16	boom 3M	320	161	180	523	1
5	12	boom 9M	920	161	180	1150	1
6	13	boom 9M	920	161	180	1150	1
7	14	boom 9M	920	161	180	1150	1
8	15	boom 6M	620	161	180	844	1
	20	jib mast	443	93	34	338	1
	21	jib foot	462	90	63	223	1
	22	jib head	495	60	57	277	1
9	23	4.5m jib insert	470	60	57	133	1
	24	4.5m jib insert	470	60	57	133	1
	25	Runner	146	92	75	420	1
	17	Boom foot	680	161	199	1800	1
10	18	Crawler LHS	636	115	111	12000	1
	19	Crawler RHS	636	115	111	12000	1

TENTATIVE PACKING LIST & LOADING PLAN OF KH 500 CRAWLER CRANE FOR TRANSPORTATION

Sl. No.	Description	L x W x H (mm)	QTY	Gross Wt in Kg.
1	Revolving Frame with Car Body and Gantry	8315x3200x3185	1	38480
2	Side Frame	7079x2070x1150	1	14300
	Counter Weight 'C'	975x900x1350	1	7000
3	Side Frame	7079x2070x1150	1	14300
	Counter Weight 'C'	975x900x1350	1	7000
4	Counter Weight 'B'	1080x950x990	1	8000
	Counter Weight 'A'	3200x1080x550	1	8000
	Hook Block 100 Mt	2125x740x530	1	1400
	Hook Block 60 Mt	2120x740x410	1	950
	Wooden Box Containing Hook 25 Mt And Hook 9 Mt	1524x1219x1219	1	1200
5	Lower Boom with Back Stop	8200x1850x2000	1	1500
	Jib Top with Pendant	4840x590x610	1	2300
6	Upper Boom with Pendants	8200x1850x2200	1	2100
	Wooden Box Spare Parts	1092x980x980	2	1000
7	6 Mtr Boom Insert with Pendants	6130x1810x1830	1	800

Bharat Heavy Electricals Limited: PSWR: Nagpur

E-Tender Spec No: BHE/PW/PUR/PSWR-RC-TPT/ 3162

Page 41 of

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

	Jib Bottom with Mast	4610x800x1100	1	180
	Jib Insert with Pendants	4580x610x590	2	150
8	9 Mtr Boom Insert 'B' With Pendants	9130x1810x1880	1	1140
	3 Mtr Boom Insert with Pendants	3130x1810x1830	1	500
9	9 Mtr Boom Insert with Pendants	9130x1810x1830	1	1220
10	9 Mtr Boom Insert with Pendants	9130x1810x1830	1	1220
11	9 Mtr Boom Insert with Pendants	9130x1810x1830	1	1220
12	9 Mtr Boom Insert with Pendants	9130x1810x1830	1	1010

TENTATIVE PACKING LIST & LOADING PLAN OF STRAND JACK FOR TRANSPORTATION

Sl. No.	DESCRIPTION	L X W X H (ft)	QTY	WEIGHT IN MT	Packed in Container
1	Power Pack	6.5'X5.5'X7.5'	3	10 MT	Packed in Container (20"x8"x8")
2	Strand Jack	4'X4'X7.5'	2	3 MT	
3	Strand Guide	15'X6'X2'	2	2 MT	Loose
4	Strand Recoiler	8'X8'X4'	2	6 MT	Packed in Container (20"x8"x8")
5	Box (Hoses & Spare)	3.5'X3'X3'	2	1 MT	
6	Link Plate with Pin (2) & Washer (4)	5'X2'X2'	2 set	1 MT	Loose
7	Fixed Anchor Block with, Pin	5'X2'X2'	2 set	1 MT	
8	Strand Dispenser	6'X3'X6'X6'	2	5 MT	Loose

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

ANNEXURE - I

DISPATCH CERTIFICATE

(NEED TO BE ASSOCIATED AND CARRIED ALONG WITH EACH & EVERY INDIVIDUAL LR/CHALAN) TENDER NO: PSWR)

A. FOR CONSIGNOR / LOADING SITE:

Sl. No.	Description	Date / Days	Remarks (Delay/ Detention attributable to BHEL/Transporter)
1	Work Order No.		
2	Trailer No.		
3	LR/GR No.		
4	Type of Vehicle		
5	Description of Material		
6	Quantity		
7	Date of Intimation		Verbal Instruction / Email
8	Due date of Mobilization		
9	Actual date of Mobilization		
10	Delay in Mobilization (No. of days)		
11	Date of Release of Vehicle		
12	Days of stay at Site (No. of days)		
13	Detention (Excluding Free Time for Loading) - (No. of days)		

SIGNATURE & STAMP OF THE TRANSPORTER'S
REPRESENTATIVE

SIGNATURE AND STAMP OF BHEL'S (CONSIGNOR)
REPRESENTATIVE

DELIVERY CERTIFICATE

B. FOR CONSIGNEE / UN-LOADING SITE:

Sl. No.	Description	Date / Days	Remarks (Delay/ Detention attributable to BHEL/Transporter)
1	Work Order No.		
2	Trailer No.		
3	LR/GR No.		
4	Type of Vehicle		
5	Description of Material		
6	Quantity		
7	Due Date of Reporting		
8	Actual Date of Reporting		
9	Delay in Reporting (No. of days)		
10	Date of Release of Vehicle		
11	Days of stay at Site (No. of days)		
12	Detention (Excluding Free Time for Un-Loading)		

SIGNATURE & STAMP OF THE TRANSPORTER'S
REPRESENTATIVE

SIGNATURE AND STAMP OF BHEL'S (CONSIGNEE)
REPRESENTATIVE

Bharat Heavy Electricals Limited: PSWR: Nagpur

E-Tender Spec No: BHE/PW/PUR/PSWR-RC-TPT/ 3162

Page 43 of

SPECIAL CONDITIONS OF CONTRACT (SCC)-PART OF VOLUME-IA

APPENDIX-A (LOADING PLAN)

ANNEXURE-II

TENDER NO.:PSWR:

TRAILER MOVEMENT DETAIL													
SL NO	TRAILER NO	DRIVER MOB NO	TYPE OF TRAILER	TRAILER PLACEMENT DATE & TIME	TRAILER LOADING DATE	TRAILER RELEASED DATE & TIME	LR NO.	LR DATE	CASE NO.	SL. NO. AS PER PACKING LIST	MATERIAL DESCRIPTION	GROSS WT.	PRESENT LOCATION OF TRAILER
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Bharat Heavy Electricals Limited: PSWR: Nagpur

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Annexure-B – BOQ AND FACTOR

Category-1AT FOR DISTANCE UPTO 500 KMS

SL. NO.	TYPE OF VEHICLE	CAPACITY (MT)	TOTAL TONNAGE	Min Distance (Factor)	RATE PER KM PER MT (RS.)	TOTAL COST FOR distance factor i.e. 500 KM	Factor
A	B	C	D	E	F	G=D*E*F	
I	Mechanical Trailer	22 to 41	2794	500	Quoted Price	₹ 0.00	1
II	Low Bed Trailer	35 to 41	38	500	Quoted Price *1.52	₹ 0.00	1.52
III	Hydraulic Trailer		118	500	Quoted Price *2.33	₹ 0.00	2.33
TOTAL COST for Category 1AT (IN RS.) excluding GST (T _{Cost})						₹ 0.00	

Category-1BT FOR DISTANCE FROM 501KM TO UPTO 1000 KM

SL. NO.	TYPE OF VEHICLE	CAPACITY (MT)	TOTAL TONNAGE	Min Distance (Factor)	RATE PER KM PER MT (RS.)	TOTAL COST FOR distance factor i.e. 1000 KM	Factor
A	B	C	D	E	F	G=D*E*F	
I	Mechanical Trailer	22 to 41	4670	1000	Quoted Price	₹ 0.00	1
II	Low Bed Trailer	35 to 41	38	1000	Quoted Price *1.52	₹ 0.00	1.52
III	Hydraulic Trailer		118	1000	Quoted Price *2.33	₹ 0.00	2.33
TOTAL COST for Category 1BT (IN RS.) excluding GST (T _{Cost})						₹ 0.00	

Category-1CT FOR DISTANCE ABOVE 1000 KM

TECHNICAL CONDITIONS OF CONTRACT (TCC)

Annexure-B – BOQ AND FACTOR

SL. NO.	TYPE OF VEHICLE	CAPACITY (MT)	TOTAL TONNAGE	Min Distance (Factor)	RATE PER KM PER MT (RS.)	TOTAL COST FOR distance factor i.e. 1500 KM	Factor
A	B	C	D	E	F	G=D*E*F	
I	Mechanical Trailer	22 to 41	6588	1500	Quoted Price	₹ 0.00	1
II	Low Bed Trailer	35 to 41	38	1500	Quoted Price *1.52	₹ 0.00	1.52
III	Hydraulic Trailer		118	1500	Quoted Price *2.33	₹ 0.00	2.33
TOTAL COST for Category 1CT (IN RS.) excluding GST (T _{Cost})						₹ 0.00	

Category-1AL FOR DISTANCE UPTO 500 KM

SL. NO.	TYPE OF VEHICLE	CAPACITY (MT)	TOTAL TONNAGE	Min Distance (Factor)	RATE PER KM PER MT (RS.)	TOTAL COST FOR distance factor i.e. 500 KM	Factor
A	B	C	D	E	F	G=D*E*F	
I	Lorry / Truck	9 to 25	195	500	Quoted Price	₹ 0.00	1
TOTAL COST for Category 1AL (IN RS.) excluding GST (T _{Cost})						₹ 0.00	

Category-1BL FOR DISTANCE FROM 501KM TO UPTO 1000 KM

SL. NO.	TYPE OF VEHICLE	CAPACITY (MT)	TOTAL TONNAGE	Min Distance (Factor)	RATE PER KM PER MT (RS.)	TOTAL COST FOR distance factor i.e. 1000 KM	Factor
A	B	C	D	E	F	G=D*E*F	
I	Lorry / Truck	9 to 25	197	1000	Quoted Price	₹ 0.00	1
TOTAL COST for Category 1BL (IN RS.) excluding GST (T _{Cost})						₹ 0.00	

TECHNICAL CONDITIONS OF CONTRACT (TCC)
Annexure-B – BOQ AND FACTOR

<u>Category-1CL FOR DISTANCE ABOVE 1000 KMS</u>							
SL. NO.	TYPE OF VEHICLE	CAPACITY (MT)	TOTAL TONNAGE	Min Distance (Factor)	RATE PER KM PER MT (RS.)	TOTAL COST FOR distance factor i.e. 1500 KM	Factor
A	B	C	D	E	F	G=D*E*F	
I	Lorry / Truck	9 to 25	302	1500	Quoted Price	₹ 0.00	1
TOTAL COST for Category 1CL (IN RS.) excluding GST (T_{Cost})						₹ 0.00	

Format for unpriced bid –Participation for TRAILORS/LORRY

Name of Work: FRAMEWORK AGREEMENT FOR TRANSPORTATION OF VARIOUS BHEL-PSWR CRANES AS PER ATTACHED APPENDIX-A, OTHER T&P AND ANY OTHER PLANT MATERIALS FROM ONE SITE TO ANOTHER SITE LOCATED AT VARIOUS PARTS OF THE COUNTRY ON DOOR DELIVERY BASIS			
T.S. No: BHE/PW/PUR/PSWR-RC-TPT/3162			
Name of the Bidder/ Bidding Firm / Company :			
Sl.	Item Description	CATEGORY	RATE PER KM PER MT (IN RS.) “Quoted / Not Quoted” to be mentioned by bidder
1	RATE PER KM PER MT for Mechanical Trailer (Capacity: 22 MT to 41MT) Sub-Category-1AT (Trailer) FOR DISTANCE UPTO 500 KMS	TRAILOR	
2	RATE PER KM PER MT for Standard Trailer (Capacity: 22 MT to 41MT) Sub-Category-1BT (Trailer) FOR DISTANCE FROM 501KM TO UPTO 1000 KM	TRAILOR	
3	RATE PER KM PER MT for Standard Trailer (Capacity: 22 MT to 41MT)) Sub-Category-1CT (Trailer) FOR DISTANCE ABOVE 1000 KMS	TRAILOR	
4	RATE PER KM PER MT Lorry (Capacity: 09 MT to 25MT) Sub-Category-1AL (Lorry) FOR DISTANCE UPTO 500 KMS	LORRY/TRUCK	
5	RATE PER KM PER MT Lorry(Capacity: 09 MT) Sub-Category-1BL (Lorry) FOR DISTANCE FROM 501KM TO UPTO 1000 KM	LORRY/TRUCK	
6	RATE PER KM PER MT Lorry (Capacity: 09 MT to 25MT) Sub-Category-1CL (Lorrey) FOR DISTANCE ABOVE 1000 KMS	LORRY/TRUCK	

1. Bidder quoting for Trailor has to quote against all Trailor Categories (i.e. Category 1AT, 1BT, 1CT).In case of not quoting against RATE PER KM PER MT, in any of the line item, bidder offer in Trailor category is liable to be rejected
2. Bidder quoting for Lorry has to quote against all Lorry Categories (i.e. Category 1AL, 1BL, 1CL).In case of not quoting against RATE PER KM PER MT, in any of the line item, bidder offer in Lorry category is liable to be rejected