

PART- II: Price Bid.

1. Price Bid part shall be opened only if part I is qualified.
2. Quoted rate in the offer should be for labour charges only for the job (s).
3. Rates should be mentioned in figure as well as in words.
4. Quoted rate of the tendered quantity shall be firm till the completion of the contract order.
5. Lumpsum price for the job per wagon basis should be quoted as per the following format.

However, brake up rate against each job as detailed in job description should be attached.

The entire job is based on labour charges only.

Job description	Quantity	Rs/ Per wagon set (in Figuer Lumpsum	Rs./ Wagon set (in Word) Lumpsum	Per Any other charges per W/ set. (If any Lumpsum)
1.Complete fabrication of 3 nos. prototype BOXN- HS wagon.	3 nos.			
2. Complete fabrication of Jigs Fixture & Templates	1 nos.			

Part- II of the tender will be opened after evaluation of part- I for which date & time of opening will be intimated to the technically and commercially acceptable bidders. No over writing or correction will be allowed in price part. Bid will be treated as cancel, if any overwriting is found in the price part. Un opened price bids unqualified bidders will returned.

For **BRAITHWAITE & CO. LTD.**

JOB DESCRIPTION AND SCOPE OF WORK OF BOXN- HS OF INDIAN RAILWAY.

For manufacturing of 3 nos. prototype wagon at our Clive Works only on labour charges basis as per detailed given below:

Job Description:

Complete manufacturing of 3 nos. prototype of Indian Railway on turnkey basis from raw steel including preparation, fabrication of Sub- assemblies, boxing, complete welding of wagon, fitment of all bought out items including brake gear assemblies with proper arrangement, mounting wheeling on bogie assembly, shot blasting, painting, stenciling, lettering brake testing and all other related jobs to complete the wagons to obtain D.M. from RDSO and fit certificate of TXR (Railways) as per approved drawings of RDSO (Which will be provided by Braithwaite) to be carried out with the entire satisfaction of Braithwaite's concerned Officials, inspection personnel, RDSO inspector / AIE/ TXR upto the stage of rolling out of wagons. Jigs, Fixture & Templates are to be made by the contractors and the list of which to be submitted to the in- charge DDO & QA for his due certification based on which the bill will be certified. Old Jigs / Fixtures / Templates which are available will be provided for necessary rectification / updation. Materials for Jigs/ Fixtures/ Templates will be provided by BWT free of cost. Availability of old Jigs, Fixtures & Templates may checked by the party in the shop before submitting the price bid.

Making the WPS & QAP and other registers or documents required to be prepared by the party for passing the prototypes.

Separate prices to be given for-

- (1). Complete fabrication of 3 nos. Prototype.
- (2). Complete fabrication of Jigs, Fixtures & Templates.

BRAITHWAITE'S SCOPE

To provide-

All related approved drawings.

All infra- structural facilities including all required plants and machineries along with material handling facilities.

Electricity and compressed air.

Raw steel (full length), Bought out components, Fastners.

PANGBORN shot blasting M/c, Electrical winch, Transporter, Brake testing rigs, welding pots, Mig M/c, SAW M/c etc.

Consumables including electrodes SAW wire, Mig wires, flux, Oxygen, D.A, CO₂ Gas, Rivets, Bolts & Nuts (service, Steel shots Coal, Paints Thinner, Drill bits with sockets.

CONTRACTOR'S RESPONSIBILITIES

CREDENTIAL:

CONTRACTOR MUST HAVE ADEQUATE EXPERIENCE AND CREDENTIALS OF MANUFACTURING COMPLETE WAGON (PROTOTYPES)

Contractor shall submit their offer complete with all required technical/ non-technical labours, experienced technical supervisors, all required experienced EOT crane operators, winch operator.

The contractor should be responsible for the entire job i.e. from raw steel stage to assembly stage with proper colour coding as per the stipulated norms of RDSO and existing practices.

All necessary Jigs, fixture and templates required for manufacturing of the wagons will be arranged / manufactured by the contractor for which all raw materials and consumables will be supplied by Braithwaite.

All required small tools and tackles for assembly and fabrication job, all welding and gas cutting accessories (Welding screen / white & coloured gas, wire brush/ oxygen and acetylene / LPG regulator, gas cutting pipes, gas cutting torch, nozzles etc.), welding cable and socket (including main cables), electrode holders spanners, grinding stone, hand gloves, spray guns for painting, paint & lettering brush, cotton waste, reamers, chisels, pneumatic / electric drilling reaming, grinding, riveting machine has to be provided by the contractor.

Collection of raw steel from BWT's Steel Stock Yard or other Stock Yard at the working place. Collection of B.O. items from Stores is also contractor's responsibility.

Proper stacking of raw steel, prepared materials, prepared fabricated wagon components including all colour coding.

Cleaning of slags and spatters after welding.

Safe handling of all steel components fabricated structures, assembling wheeling, entire transportation of wagons, transportation at paint & Finishing shop during the course of the subject wagons manufacturing .

PANGBORN machine should be properly handled and the cost of repairing of any breakdown due to mishandling will be adjusted from the contractor' s bill.

All required manpower/ machine operators.

Positioning leveling of fixtures and fabrication & installation of Trunion Post.

Identification of Jigs, Fixtures and Templates with paints and making of list of it.

Any damage / loss of Company's property entrusted with the contractor, shall be the responsibility of the contractor.

Any other necessary to complete the said manufacturing job is contractor's responsibility.

Total responsibility of getting the wagon passed will be under the contractor.